Sorgo Cepartment.

The Rural World is the only journal in the United States having a special depart-ment devoted to syrup and sugar making

COL. COLMAN: Messrs. Squires & Bro.

More of the Cane Mill Controversy. they must now pay.

under the Hedges patent. This, with do not fail with the mills. the other statement, proves they are the other statement, proves they are either ignorant of a separate patent on the Victor, or that this Buffalo concern is simply driving at Hedges, regardless of all fairness. It has not been my purbut when such pressure and challeng ing is given as contained in the replies know the answer when we see it. The of Messrs. G. L. S. & Co. it becomes necessary to define, therefore I place before the readers of the Rural World, gets it exact, if he cannot verify or resome of the testimony of those who gets nearest the answer has nothing of which to boast; neither if he gets it exact, if he cannot verify or resoun is expelled, and the gum zone crossed, the finer the flavor.

A given time, at a proper temperavided enough is fed, and you have the power to propel it. There is not a tween a swift and slow defacation. washerwoman in the country who does not know that it takes more power to wring the clothes equally dry than it

here says, his Buffalo steam sugar mill is broken down and is beyond repairs. Mr. more destructive to the fruity flavor of Dickinson, who had his Buffalo mill break syrup. Many who seek information down early in the season, was obliged to get a new one from West, and now the second one has broken down. I may be able to a new one from West, and now the second More fixed principles and fewer indi-one has broken down. I may be able to get vidual policies will bring order out of him to take one of your steam mills. Yours,

S

WM. L. CUSHING.

and I sued him here in the U. S. Court. Would it not be a good plan to have the tes-timony coppied off in the damage case. I amount of judgment is \$8,200 against Squires. In my next letter I will get the exact facts. Yours,

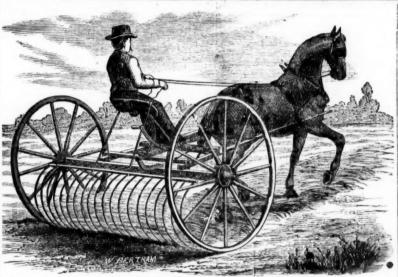
April, 9th.—Last week the Supreme Court to which Squires & Bros., appealed, confirmed the judgment against Squires & Bros., and

Messrs. Squires & Bro., say that they took some of their old sorghum mills in their second point of reply, violate the common rules of evidence by giving to Louisiana, and admit they broke, their own testimony to prove the truth that they have improved them, etc. This of their own disputed assertion, and is all very well. It is a common thing then to cap the climax, they in cross-ex- among machinery builders to dodge amining themselves ex-parte, they violate another rule of evidence by lugging ful machines and upon a short trial get in matter not given in the direct examination, such as referring to our business continue to use them long after the mainterview, with an evident purpose of chines have failed, and are abandoned. interview, with an evident purpose of predjudicing the jury (your readers). It is quite excusable in Messrs. G. L. S., & Co., that they should make such an erroneous statement about my claim of paternity to the Victor cane mill patent. Their ignorance makes them expected. They are too your properties of the standard and are abandoned as appears to be the case from the above letters. The present circular of these gentlemen has in it precisely such a state of things. This is no new occurrence, the country is full of such instances. I will lay down the basis upon which it occurs. Machines of great strain like cane mills and their gearing may stand well for a period then fail tion was some years prior to the "Victor," which latter was invented by one of my successors, Wm. II. Clark. They say the Victor mill was manufactured. This explains why those mills often stand a season or two and then fail. They say the Victor mill was manufactured. The only trouble is that the certificates making a grand aggregate of over 75,000 to the stand and aggregate of over 75,000 to the stand and aggregate of over 75,000 to the stand agg

An Appeal. The problem assigned us is to extract have tried both Niles mills and the principles. One error may be made gentlemen's mills. If their old mills and then balanced by another, and yet failed after they claimed they were the the conclusion be correct mathematithem in their list, what guarantee is susceptible to taint, an error is not so there that these new fangled mills will easily balanced. We believe it a forewill do it just as effectively as cane pro- can mankind, or in other words, princidoes coarse hard fibre. The principal reduce it to syrup, and you will be convinced that the juice was not ready for points of reference made in their reply is mere twaddle and calls for no notice from me, but in answer, as they are not acquainted with Mr. King, I will call their attention to the subjoined communications and reports, and will add that I have a "few more left."

vinced that the jwice was not ready for the application of heat, especially if the application of heat, especially if the properties of heat points of heat, especially if the application of heat, especially in the season. Fresh, raw juice and the application of heat, especially in the season. Fresh, raw juice and the application of heat, especially in the season. Fresh, raw juice and the application of heat, especially if the application of heat, especially in the season. Fresh, raw juice and the application of heat, especially in the season. Fresh, raw juice and especially in the season. Fresh, raw juice of the juice requires more attention. A New Orleans, January 4, 1881. slow defecation is a dwell upon the Gents:—Mr. Milton Burns who is now gum zone and corresponds, in effect, to the repeated calm of the cook and is far

confusion. The testimony offered in the RURAL certainly does not warrant



The Coates Hay and Grain Rake.

Co., Alliance, Ohio, which we give this week.

juice. With an adjustable light cover over the pan, except at the front and along the side for a line of dumping some of the figures in the answer. We tion of juice may be given by extending again this year, if the weather does no know the answer when we see it.

The the pan over the front more or less, we drown us out.

I. S. Goodin. the pan over the front more or less, we drown us out.

best in the market, and they still keep cally, but in this problem which is so part of the pan, and lessened on its descent by the pan's projection on the wall. The cover perpetuates the boil

White Water, Kansas.

Attention is drawn to the illustration of this rake, manufactured by A. W. Coates & Its success lies principally in its simplicity of construction together with its durability, construction together with its durability, lon. Of all the large quantity of sirup made only the best material being used. The rake is nicely balanced but held firmly to its work gallon of it was sold to the consumer at 25 by the lock lever which is constructed on the orinciple of the togle joint of a carriage something wrong. I don't know how we can his own method: "I will give the cusable. They are too young in the because all materials, especially netals, can emill business to know the true history of the first cane mill. My inventory of the first cane mill. My inventory of the first cane mill. My inventory of the first cane mill with the first cane mill with the first cane mill. My inventory of the first cane mill with the first cane mill we have in past year, accreting to Mr. Kenney, not a structure of the first cane mill we have in past year, accreting to Mr. Kenney, not a single value of the first cane mill we have in past year, accreting to Mr. Kenney, not a single value of the first cane mill we have in past year, accreting to Mr. Kenney, not a single value of the first cane mill we have in past year, accreting to Mr. Kenney, not a single value of the first cane mill we have a single value of the first cane mill we have all of the first cane m top, so that in dumping, only a slight touch remedy this fault, but it seems to me it can of the lever is necessary, and the driver's and should be regulated. Fix a price for a weight does the work. Those not acquainted merchantable article, and it will encourage with this rake, and contemplating a purchase planters; but to go to market and get an of-should send for a circular. planters; but to go to market and get an of-fer of 15 cents a gallon, is, I submit, very

these sandy lands this season, and they will average one thousand large melons sugar from sorgo by a practical method. skimmers, as previously described in per acre, and they are very sweet. Some As classes often do, we have compared the RURAL WORLD, many, if not all, pose to give the names of competing figures. You have seen many of them parties or their mills, in my writings in the Rural. Many of us have got moved. While a slow or quick defecasorgo for two years, but will try it

Sugar Works in Kansas.

Unless some of the western States be stir themselves. Kansas will become the banner sugar State. The reason A given time, at a proper temperature, is required before boiling the that Kansas is likely to take the lead is juice. The heat may be increased on that the farmers will turn their attention to raising cane in that State more readily than the farmers of most other States will. No better cane can be in raising corn or most other crops, so with the ability to hold it, or else put your White Water, Kansas.

Sorgo Growing in Mississippi Co., Mo.

Col. Colman: I will give you a few ing of cane and the making of sugar are it can be considered as a constant of the case to the solutions of cane and the making of sugar are it can be considered as a constant of the case to the mill and get the cash for it. The raisselves in a position to buy up those sirups.

Mr. Wyman: But the man who went to this merchant was forced to sell it under the case of the business, in the constant was forced to sell it under the case of the case of the surface.

There principles would include the entire most advanced degrees. In fact, it is astonishing that the experience and contains the constant of the case of the surface items on sorgo raising in Mississippi county. There are various kinds of doubt will be mainly carried on, in the soil here. In the eastern portion of the county, or river bottom, we have a county, or river bottom, we have a county of the soil here. In the eastern portion of the county, or river bottom, we have a county, local soil here. In the eastern portion of the county, local soil here. The Bulletin of Sterling, Kansas, says sandy loam, the black waxy, and what is called buck-shot lands, which yield immense crops of corn, wheat, oats, rye, New Orleans and at once set about makpotatoes, turnips, cabbage, clover, timo- ing final arrangements about locating trade-centre where we had to come in contact thy; and, in fact, all kinds of grass grow the works. On Tuesday he selected with the finest goods. I did not like to ped-dle 8,000 gallons by the gallon or barrel. I took a sample of the first syrup, and had it well here. When cultivated well it will yield from 150 to 200 gallons per acre. The kind of cane grown here is of the Liberian and Honduras. I made up a small lot of Amber cane for a neighbor small lot of Amber cane for a neighbor the center, which will be an advantage in the tank, so that one-third of the sirup that made a good quality of syrup, that as the works will require a large amount that was in that tank holding about 10 000 granulated in thirty days.

The worked up cane stripped and the other third 33. They told us that we I have worked up cane stripped and with stone foundations, 40x120, two stone to the third 3s. They told us that we could not produce sugar unless it polarized not stripped, and I find that it pays the ries high, it will take 200,000 brick. Mr. the KURAL certainty does not warrant the conclusions toward which it is drifting.

New Obleans, Feb. 16, 1881.

Dear Sir:—Your favor and enclosure is at hand, in looking over the certificate of Squire; If that the control of the co or under the shadow of the present, we rear the grieve and a triule by one party. Some of these call written by one party written by one party. Some of these call written by one party written by one party. Some of these call written by one party written by one party. Some of these call written by one party written by one party written by one party. Some of these call written by one party written by one party written by one party written by one party. Some of these call written by one party written by one part

ERS' ASSOCIATION.

Reported for the Commissioner of Agriculture, by his stenoprapher, Mr. LeDuc, every kind, and the South Carolina comparand furnished the Rural World at the renies have more orders than they can fill. and furnished the RUBAL WORLD at the request of the Minnesota Amber Cane Growing Association.]

Mr. Wyman.-The gentleman has touched upon a very important point. I presume it has often been asked, "if I raise fifty or a hundred acres of cane, where am I going to find a market?" To illustrate. I live in the southern part of the State, in Le Seur Co., (Minn.) the banner county of the State in the production of sorghum this year. There came a man there two years ago last winter, with a lot of sorghum sirup—a fine article I understand, though it hadn't the reputation that it has now. He went to a merchant to whom he tried to sell. The merchant offered him 20 cents a gallon if he would take it in trade. Now, there is the trouble. It takes money to raise sorghum and manufacture sirup, and as a general thing, that is what we want. If we go into the market we want to know what price we are to get. If we go to market with butter or cheese, we know something near what we ought to get; and yet I have known farmers to come into Wadiscouraging. It is for others to say how we grow very large. There are something shall obviate the difficulty. Le Seur county like three thousand acres planted on can make a large surplus of sirup. What can make a large surplus of sirup. What shall we do with it? The demand is increasing but there is no standard price. Now can we not fix upon that price so that manufacturers will not be forced to sell it under its value? I think it costs more than 25 cents a gallon, though Mr. Kenny says it does not exceed 15 cents. I don't think Mr. Kenny

meant that you should-The President.—Allow me to correct you.
I said it cost me 6 cents per gallon to manu-The raising of the cane is another

Mr. Wyman.—What I would like to see de cided is, how shall we regulate a standard price for a standard article?

Major McDowel.—In going about the country, including the States of Minnesota, Wis consin, Illinois and Iowa, both myself and others have been much astonished to find so great a uniformity in the quality of sirup, especially in Minnesota, where as a general rule, it is all alike. Mr. Wyman speaks about there that these new fangled mills will not do the same? Have they also been severely proved in foreign countries on tropical cane? The writers or Messrs. Squiers & Bro., ask if a mill can broke if no cane is applied. I will answer yes, and say that cotton batting swer yes, and say that cotton batting will half the provided in the p

MINNESOTA AMBER CANE GROW- of 1879, has now grown to 200,000 tons a year, and the price has advanced from \$5 to \$8 and \$9 a ton. The general prosperity has stimulated the demand for fertilizers of



Sufficient Farm Help.

If we start out in the spring to till a farm of a certain number of acres without sufficient help, then a part of the necessary work must be left undone or the work only partially accomplished. Then is when a farmer has too much to do and gets behind with his work; neglect disturbs method and all things are soon out of balance. Many farmers say they cannot afford to hire much help. It is as necessary to have sufficient help to carry on a farm successfully as it is to have any help. If help cannot be had, then let some farmer seca this last fall and sell for 25 cents a gal- have a part of the farm to work, for lon. Of all the large quantity of sirup made the extra amount of land which cannot his own method: "I will give the method which I have followed for years, and I cannot say that I have had too much to do, and at no time have been behind with my work. The first thing I do is to provide the best tools for all kinds of work and sufficient team power to use them. I employ the best help I can get, as I have learn skilled labor is the cheapest. cheap help to save a few dollars does not pay; loss in damage to teams and tools more than offsetting any saving so made. It takes but a few hours for an inexperienced or a careless hand to do much damage. It is my method to keep as much help as the farm requires. I am well aware that many farmers will say, as has been said before, that they cannot afford to hire so much; but all I have to say to such is, start next spring with more help and till your land as it should be tilled, and put the farm in proper shape, and when the year comes round figure up the differ-ence, and see if money has been lost."

One of the best works on agriculture

ever written is that by the German physician, philosopher and farmer, Albased on sound notions of physics and chemistry, and we should endeavor, by means of these sciences, to penetrate as far as possible, into the principles and foundations of things; for, the want of success in our researches, and the rea-son that we do not arrive at more numerous and more sound conclusions, is to be attributed to our imperfect knowledge of the phenomena of nature. He recommends a knowledge of vegetable physiology, botany, of animal economy including diseases, and mathematics, to the farmer desiring success and pleas-ure in his work, and in fact he says "Agriculture ought to borrow from every science the principles which shaem-ploys as the foundation of her own; and although the sciences do not form an in-dispensible part of the farmer's education, he ought, nevertheless, to have a general knowledge of them." He sums up, "Every person who seeks to practice agriculture with the full success which it admits-and that is the usual aim of

Che Grange.

The Rura. World velcomes to the Grange Department communications from Missouri and all parts of the Mississippi Valley from members of the order. Brief notes of what is going on in the order, or any matters per taining to it will be cheerfully published.]

Official Grange Paper.

At a meeting of the executive committee of the Missouri State Grange, held in the city of St. Louis on the 3d day of December, 1880all the members being present—it was agreed to accept the proposition, submitted by Col. Norman J. Colman, for publishing the official nge communications in the RURAL WORLD

during the two ensuing years.

A. M. Coffey,
Secretary of Executive Committee. Knob Noster, Mo., December 6, 1880.

Rolla State Grange Resolutions.

The Missonri State Grange, at its late session at Rolla, unanimously adopted the following :

Whereas. It has ever been the faithful. earnest and consistent friend of the grange and of the agricultural classes of the State, zealously laboring to advance every agricultural interest and to elevate the profession of agriculture to a higher standard; there-

Resolved, That the Missouri State Grange cordially indorses Colman's Rural World

Essay by Adda Hillhouse.

Zion Grange, No. 1087, April 2d, by

enter the gates and have been instructed in the mysteries of our order, it is not to be supposed that we were to sit idly by fore the public in your county, just as much have tried to overcome timidity and is doing something. read this essay as appointed. Whatever is of interest to our husbands and ever is of interest to our husbands and brothers, is of interest to us—and we must study well the interest of the cases we should advise that the grange make farming class, that we may have a few seeds of knowledge to scatter in our grange.

A Patron cannot afford to give his support and subscription to a paper that will not even publish the news about the grange.

each feel alike severely the oppression of the money powers which have so wrongfully used us. Shall the husbandmen of this noble country, liviage do under the boasted liberty and the report plainly written well worded, well spelled, and well punctuated.

Have some brother or sister prepare them who is competent for the task and who can send in the report plainly written well worded, well spelled, and well punctuated.

The nucleus and set to trance so that but one or two bees can pass at the same time. The nucleus will rear a queen as well as a whole swarm.

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The nucleus and set to trance so that but one or two bees can pass at the same time. The nucleus and send in the report plainly written well worded, well spelled, and well punctuated. declaration of purposes of our order two inches. as a guide to direct us—shall we under 4griculturists of other nations, let our noble order go to naught, or be worthless to assist you, it is no more than fair that you can be should be controlled to assist you, it is no more than fair that you as chaff? Or, shall we cower before the should show them what favors you can in repolitical banker and monopolist, and turn. Give them special invitations to atbecome as the serfs of Europe, or the poor, starving Irish? God forbid that provide them with means and secure their atwe should ever meet such a fate.

Brothers and sisters, let us be up and doing! Come, let us work diligently in simply treating with courtesy those whom order to keep the bondage off our children that so strongly threatens them.

We have an institution peculiar to our is to-day, if from the beginning it had made country and suited to the times in more use of the influence of the local press. which we live. Let us by all fair means foster and preserve it-inside of its gates, we must work against those that oppress the laboring class. Let us recture Baylor was re-elected as master. ognize the great necessity for combina- We publish below an extract from the ex and laboring classes of the United States. and if we had space would gladly publish the I know there are some who think there whole of it: is no necessity for combination. To The great excitement arising from the my mind, there is great need. If we are united, we will be strong; if we are faithful then we will labor for the good of our order, our country and mankind. In essentials there should be unity; "that we are united by the strong and faithful tin time the strong and faithful time. In non-essentials, liberty, and much. In non-essentials, liberty, and in all things, charity. We cannot accomplish to rider, our country and mankind," and that in all things, charity. We ought to mutually understand and co-operate for the better education of ourselves and children, that we may calculate and children, that we may calculate and children and children are no longer are no longer and children are no longer and children are no longer are no longer are no longer and children are no longer and children are no longer are no longer and children are no longer are no longer and children are no longer and children are no longer are no longer and children are no longer and children are no longer are no longer and children are no longer are no longer and children are no longer are no lo more intelligently on the probabilities applied they have accomplished the results of the future; and that our children claimed for them and are being recognized may understand the rights of the farmer in the future, better than we have in the former in the future, better than we have in the good that the grange has done for the the past. Without education and co- farmers; yet, you may say, it is in its infancy operation, we cannot defend our rights
as producers. We will continually be accomplish if the farmers were all united? imposed on by the educated class. We must stop depending entirely on the mustle, and work the brain awhile, and see what will be the result.

By meeting together in the grange, the lonesome and isolated life of the farmer and

and brokers, and all those that are trying to destroy our noble order. There is nothing strange in their trying to destroy the grange and trying to make the farmers believe it all visionary, for they have already discovered the fact that if the grange prosper, they will not stand so good a chance to swindle the laboring class out of the fruits of their honest toil, thus reducing them to the lowest state of poverty. It is their vile work that causes so many farmers' sons; aye, even daughters, to leave their father's firesides to struggle with this friendless world, to gain a living—a prey to so many vices. Is it any wonder then, that so many soon fall victims? Fathers, how can you expect your sons to bear the burden you have to bear, if it grows heavier instead of lighter? You toil from the rising of the sun till its setting, and besides rack your brain half the night, trying to make a support for your family. You scarcely ever accumulate \$1 to lay aside for old age or a rainy day. Meanwhile those that have reaped the benefit

of your labor are surrounded with all of honor is to be filled? They say the farmer the comforts heart could ask for.

Brother Patrons, are you going to would be "mere cyphers;" that "they lack submit yourselves to those wrongs? If the requisite training and information;" yet not, arm yourselves with equal rights notwithstanding all your ignorance, they ask and justice towards all, and you will be you for your votes to elect them, and you are sure to gain the victory without doing so blind to your own interests as to lend your-any harm whatever, is the opinion of a selves to aid in your own degradation.

The Grange has, as a rule, says the Live Texas Farmer, says: Patron, too often overlooked the power to be obtained through using the local papers in meetings, etc., be published in the grange place for their publication by any means.

Weak and sickly granges, and half-way it is most important should be informed of guage. Certainly there is no reason why the grange meetings and grange successes. The whereas, Colman's Rural World was one of the first papers in Missouri to espouse the grange cause, and to urge the farmers of the state to organize themselves into granges; and to urge the farmers of the state to organize themselves into granges; and the state to organize themselves into granges; and the state to organize themselves into granges; and the state of the grange who have obtained the idea, because the grange in cation, and naturally have a better style of the state of the grange who have obtained the idea, because the grange in the state of the s their particular neighborhood was weak, therefore the grange was dead everywhere,

How shall we do this? Through the local papers. Almost every farmer takes his county paper, and there is no surer mode of reaching them than through this medium.

If your grange has a good meeting ge and recommends it to the support of the some competent brother or sister to write up Patrons of Husbandry of the State of Miscounty paper.

If you have a pleasant grange social, have a brief report of it sent to the local county The following essay was read before papers.

If you have a glorious grange feast, send a life of the papers.

If you have a glorious grange feast, send a life of the papers. Sister Adda Hillhouse:

Worthy Master, Brothers and Sisters:

As we sisters have been permitted to it will not hurt the grange cause at all.

and take no part whatever in the work as possible, not making a blow about it but of this glorious cause. That is why I letting them know that the grange exists and

HOW TO GET YOUR REPORTS PUBLISHED. There is a common idea that the editors of

It is here we all meet in love and the grange.

But often this difficulty is more imaginary true sympathy with each other. Our than real, and a little management will over-

Show the editors of your local papers all tendance if possible.

There is nothing out of place in showing

them such attentions, it is not bribery, it is

Master Baylor's Address.

We are glad to know that at the last meeting of the West Virginia State Grange Bro-

tion and co-operation of the farmers cellent address he delivered at the meeting, The Greatest Discovery of the Age.

Brother Patrons, we must co-operate his family is rendered pleasant and remuner-together and form a body for defence ative; new acquaintances are formed, and against our enemies—namely, lawyers and brokers, and all those that are trying to destroy our noble order. There is in the future must result in securing our just

Disagreement in the Order. On this subject Col. William Booth, in the

Why is it we so frequently disagree in and are so stubborn in our own per any community. It is of course important sonal opinions, over questions that are of such that all grange news, reports of successful vital interest to the success of our beloved order? Is it not because we fail to consider meetings, etc., be published in the grange as we should, before we give our thoughts papers, but this is not the most important and opinions to the public? There is one lesson that all grangers must learn before we can succeed—submit to the majority until discouraged members, and a great many outthe proper time for change. A subordinate side of the grange do not take any grange dan you correct that error before another paper, and these are the very classes whom meeting of the grange? Then, brethren, it is most important should be informed of we cannot be too well guarded in our landisheartened granges, learning of what the alike, should not be able to agree, and unite grange is doing elsewhere will take heart upon plans that will be for the benefit of a without making any attempt to show super-will have their views changed, if we can only ority, for this cultivates the jealousy that is sure to crop out in all farmers' organizations.

The Apiarn.

Nucleus System of Swarming.

Nucleus System of Swarming.

In swarming bees on this system we first rear a queen in a small cluster—nucleus—of bees, allowing the nucleus

"E. D. Cans, Secondary, Damson, Damson, Damson, Construction of Secondary, Damson, Damson nucleus-of bees, allowing the nucleus hive to remain in its place until the queen becomes fertile, when we swarm
the bees by simply causing the two
hives to exchange places. Unlike natural swarming, the old queen remains

Corn,

Salb Cans
Salb Cans
Corn,

Yarmouth

Yarmouth ural swarming, the old queen remains in the parent stock, and its labors go on, interrupted. Taking two combs queen, they will go to work in earnest and fill up the frames with comb, and the queen will fill it with brood as fast

Form a nucleus by blowing a few whiffs of smoke into the entrance, then queen be removed, place it with its adhering bees in the empty hive, and next to it another comb containing hontrue sympathy with each other. Our aims and interests are the same. We aims and interests are the same. We have no reasonable excuse for rejecting your stock, give at least a quart of bees to the stock, give at least a quart of bees to the

> ed as soon as the queen has become fer-This can be determined by examining the comb for eggs. We now confine the young queen in a wire cage, and then exchange places of the two hives; the mass of old bees will return from the field, thus throwing the old stock of workers in the nucleus hive. The bees must not be swarmed between the bees must not be swarmed between the hatching and fertilization of the queen. We leave the queen caged 36 hours, then smear her with warm honey and let her go. The bees will commence licking her off and forget to sting her.—F. B. G., in Beekeeper's Magazine.

Suffering Women.

wonderful tonic and renovating power will Cut Lost cure you and give new life.—Watchman.

The Greatest Discovery of the Age.

For over 4 years Dr. Tobbas' Venetian Liniment has been warranted to cure Croup, Colle, Spa-ms Diarrhen and Dysentery, taken internally and sore Throat, Pains in the Inobs, Chronic Rheumstism, Old Sores, Pimple. Blotteles and Swellings, externally and-not a bottle has been returned, many families stating that they would not be without it even if it was \$10 a bottle. Sold by druggists at 250 as d 50c Depot, 42 Murray street, New York 4 24cow

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Plymouth Rocks

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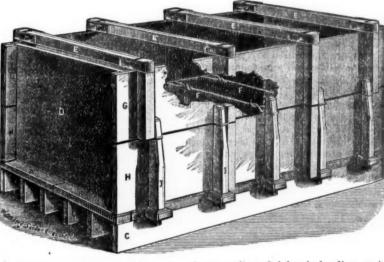
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Bortienltural.

Edited by George Husmann, Professor of Pomology and Forestry, Columbia, Mo. All communications for this department should be addressed to him as above.

The Principles of Pruning.

The art of pruning is one of the simplest as well as one of the most important operations connected with horticulture. Yet it is one that is frequently fruitfulness.

and good judgment, and much beauty and utility can be given to the form of Let us start right here in our search, and that follow the neglect of the operation. Printing at the wrong season, the removal of very large branches, and the more than what it received in former trees which are found in far too many

10

Many trees are trained with too favorable locations.

Summer pruning, or more properly niping when the wood is dormant. This method of pruning, if begun in the season while the tree is young, will cause ter early in the season than when the

TOADS.

or storms.

been aware of their value as insect-de-been aware of their value as insect-de-bope.

To a man with small means, a great home keep an eye open on nature, and seek ful, instead of casting hindrance in the way of destroying her agents. The successful farmer has great need to be a good economic naturalist. Many igs as loathsome-looking as the toad.

The Japan Quince (Pyrus Japonica). Of this fine, perfectly hardy shrub, we have had six varieties in cultivation for many years These varieties are very much alike in growth and form of bush, the only differe being in the size, coloration and abundance of their flowers. Their flowers range in color from a light reddish-pink to a dark then a rod of the other would be very effec-tive as an ornamental hedge. It is generally injured by insects or cold.—Prairie Farmer. Terre Haute, Ind.

are the best of friends.

rinis beis, For iness for a &co,

H.

The P ogress of Strawberry Culture.

having been lengthened into one of six months having been lengthened into one of six months in less than fifty years, and also by the rapid-ly increasing competition and great improvely increasing competition and great improve- the fence rows. He says that they will

lution in strawberry culture, however, so far and burn the bush and nest. as concerns the growers, at least, has been neglected, or ill-performed. The principeffected by the changing of our markets, things we may easily hold in check this pal objects of pruning are to induce a vigorous and symmetrical growth, revigorous and symmetrical growth, reword under the move superfluous wood, and promote fruitfulness.

The market centres for fruit, as well as other pest. But as this cannot be hoped for, it will be the duty of the more enterprising and intelligent farmers and orchard-representations or changing in their representation of the American Cultivator promote the American Cultivator pest. But as this cannot be hoped for, it will be the duty of the more enterprising as the tause of the strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? All such trifling questions they utterly distain to notice in the magnificant strange utterances? or changing in their respective locations, ists to double their diligence, and keep Whatever be the form of training adopted, there are some general principles underlying all pruning operations ples underlying all pruning operations. York was the great distributing centre of berwhich should be observed to some extent, though no precise rule can be givroad and steamboat line entering the metropAfrica, and even trespass on the neightent, though no present and stated, these en for all cases. Briefly stated, these en for all cases. Briefly stated, these olis; but now the market of most inland bor's farm if the hosts of this ravenous tells the deacons not to drink too much wine. was loaded with large and fair apples, while the growth of towns and large villages are supplied with foe should show its tents spread on the wood large, the tree or vine vigorous home grown fraits, and only an inconsideramore wood should generally be cut away ble amout of berries is re-shipped from New than when the tendency to the produc- York. It is therefore that, while the demand tion of wood is small. When there is a for products of nearly all kinds has largely great tendency to the production of both increased during the last years, the amount wood and fruit, pruning of the wood of perishable berries disposed of in New York and thinning of the fruit, or both, may has decreased rather; and while the producbe necessary in order to produce the ers of wheat and corn, of butter and cheese, best specimens. Shy bearing in trees is of beef and pork, and many other farm prosometimes treated with root pruning. ducts find, at home and abroad, new and When an upright growth is desired, pru-profitable outlays for their bountiful crops. ning of the lateral growth is required, the small fruit grower who depends on the and when a rounded, bushy growth is New York market finds the demand for his wanted, the main or central stem and products diminished instead of increased, and, To prune successfully requires taste

a tree by proper pruning; but too much | we shall find it is only a few years since Newor unskillful pruning may be done with searely less injurious results than those Neawrk produces, not only sufficient for home demands, but enough to return to New York neglect to prune, are responsible causes and the growers seem well satisfied with the for the irregular-headed and unshapely new order of things. Similar conditions prevail in hundreds, if not thousands, of towns; still, there are many populous inland places In order to have well-shaped heads on which are not sufficiently supplied with strawtrees, pruning and training should be berries, so that those who start now in fruit commenced when the trees are quite culture need have no difficulty in finding

On the other hand, there are large areas low heads, which much interfere with the work of cultivating an orchard. In where no home market can be created, where garden culture, or for ornamental specimen trees on the lawn, low-headed, horizontally branched trees are sometimes desirable; but for orchard culture the heads should be high enough to allow a conveniant approach in cultivating. Remarks and to make the demand for his crops steadily falling eff, or the prices dwindle down so low that both ends cannot be made to meet? The tiller of the soil cannot, moving large limbs from trees is a sessily as the machine tree to be made to meet? moving large limbs from trees is a practice much to be deprecated; but whenever necessary it should be done very carefully, and at the proper season, so that the wound will heal rapidly and still hear the sound will hear an an analysis of the tree suffer the least less of say. The cations. If he can grow strawbarries better. the tree suffer the least loss of sap. The removal of large limbs also causes an unsightly trunk, making it rough, harder to clean and a more secure harbor for insects, mass. Sec. When superfluous roots or branches are removed in their incipient stages of growth, no such effects are produced. survival of the fittest holds as good here as anywhere. The conditions essential for success remain in all places and at all times, but ping of the shoots as they grow, can of-ten be employed to advantage, and when-ever it can be it is far preferable to prun-ing when the wood is dormant. This every year.

Some people are constantly complaining an even and symmetrical growth, which cannot be so well attained when all the changes and so they have. We cannot repruning is done when the wood is dor- verse the order of the universe. Times do supplying the warmth and vital force necessamant. Spring-set trees are generally in need of thinning out of superfluous branches, shoots and buds of the same motion; without motion there is no life; in-former quality, they have the latter, and he further calculate the motion; without motion there is no life; in-former quality, they have the latter, and he further calculate the motion; without motion there is no life; in-former quality, they have the latter, and he for the calculate the motion that motion there is no life; in-former quality, they have the latter, and he season's growth, which can be done bet- ertia is death. How can we expect to remain at a stand-still when everything around us

growth by nipping in the canes when about three feet high, than by allowing sharply defined systems, each with its apgrowth, by nipping in the canes when about three feet high, than by allowing them to spindle up; in which condition they are not as well fitted to carry a distinct varieties, especially suited for its representations. The propriate modes of cultivation, and with its appropriate modes of cultivation, and the cultivation is appropriate modes of cultivation and cultivation is appropriate modes of cultivation and cultivation is aposition of cultivation and cultivation and cultivation and cultiv Strawberry growing for a home market is almost exclusively a retail business with all its concomitant details, while the French industry and sagacity take grower for a distant market is strictly a ture has in her alembic turned a powerful and be lead of the world in little things is wholesaler, who, like the large manufacturer, dangerous element into a beneficial minister the lead of the world in little things, if wholesaler, who, like the large manufacturer, ships all his goods to a commission merchant, nothing more. Toad culture is a regular business there with the economic vantage of the producer. As in other whole- and an excessive use of stimulants, and have people, and the demand for toads is great and increasing. The useful little animals are employed as insect-destroy-ping facilities, competent help, and, in our ping facilities, competent help, and the competent help, and the competent help and the competent h ers, not only in the gardens of that cases, suitable soil. Where these chief recountry, but thousands of them are quisites are warning, no amount of persevercountry, but thousands of them are quisites are warning, no amount of packed down in baskets of damp moss and energy can produce satisfactory repacked down in baskets of damp moss sults. In many cases it would no doubt be far better to sell out, even at a loss, and seek dividuality, and the endeavoring to instruct and educate the man's reason, it would, in a dividuality and them endeavoring to instruct and educate the man's reason, it would, in a construction of them. and sent to other countries to be sold as better to sen out, even as a loss, to gardeners. The more observing horizontal a locality better suited to one's resources than ticulturists and floriculturists have long to persevere in a fruitless toil and hope against

stroyers, and have utilized them to a greater or lesser extent. And it is not much to the credit of American gardeners and farmers that they have lever recognized the service of this helpful and innocent reptile. Nature conducts her operations by reciprocal means; and, if she gives us the hurtful creatures to eat up all our crops, she halso gives us the birds, toads, etc., to least up the insects. The farmer should keep an eye open on nature, and seek the service of this halso gives us the birds, toads, etc., to least up the insects. The farmer should keep an eye open on nature, and seek the service and the properties have to be dumped into the river. The cost of picking, freights, cartage, and other unavoidable expenses have to be paid by the grower, whether he receives any slice the insects. The farmer should keep an eye open on nature, and seek the constructed sin; and, secondly, it gives a ready excuse to the conscience in a local market, as the berries may be left to the constructed sin; and, secondly, it gives a ready excuse to the conscience in a local market, as the berries may be left to the constructed sin; and seek to be constructed sin; and, secondly, it gives a ready excuse to the conscience in a local market, as the berries may be left to the constructed sin; and seek to be constituted to be conscience. In the first place, it manufactures on the vines if there should be a temporary lull in the demand. To this necessity, howon the vines it the femand. To this necessity, how-

therefore, ordinarily more profitable to find

quality, like all wrinkled peas, is fine. true American Wonder peas, is a moderate soil, will not grow over six or eight inches increased by a division of the stools, but can be readily grown from cuttings by the sum- high. There is a pea of English origin called dem all drinking of wine as either simul or hilly land; on richer and more moist soil it 17. Save the best birds for next year's ocess. New varieties are obtained Little Wonder, growing taller and some-eds. We have never known it to be times confused with this kind."—J. A. Foote,

Tent Caterpillars.

ment in varieties, which make poor berries be seen there before they will be noticed unsalable at any price, and give us a large in the orchard. The remedy in such dash. supply of choice and average market fruits. cases is to destroy them with the hand,

Dr. Hexamer says the most involved the cases is to destroy them with the hand, Dr. Hexamer says the most important revo- or better yet, to cut down the bushes

If every farmer will care for such extermination the victor need not be areful about invisible boundary lines. Pursue the enemy to death, and hear complaints about trespass afterwards. The time for successful attack is in

the morning before the skirmishers and foragers have been sent out. They will gism, all be at home and helplessly massed in their tents at the mercy of one blast from a shot-gun or the touch of a firebrand, or a swab of old rags and soft soap. The latter is to be preferred, as it leaves no scar on the trees.

The tent caterpillar is so easily destroyed that it is strange that it has ever been allowed to get a foothold. In examing the orchard for them, watch closely the early apple trees, as they appear on them first. There is something unique in this fact. How is it that in he same orchard or in the same row of he orchard, the nest of eggs on the earapple trees will hatch before the nest on the late apple trees, and in each case will hatch just in time to be fed by the opening buds? The little rascals are never ushered into the world before there is ample forage near at hand. Here is a question for the scientific men, and we shall be glad to hear from Riley and Warder, or any one who can explain the cause of this timely and yet varying hatching of the caterpillar egg on two rees similarly situated as to soil and ocation.

TEMPERANCE.

THE TRUE MEANING OF THE WORD AS GIVEN BY THE REV. DR. CROSBY.

[CONCLUDED.]

The following is a synopsis of a lecture remont Temple, Boston.

drinks that contain alcohol are poison; that the presence of alcohol thus justifies the con-founding of different sorts of drinks just referred to. Dr. Anstie has clearly shown that alcohol in small quantities is not poison, but a true food: and that it is a stimulant to the system in precisely the same sense as that in which food is a stimulant. He has shown that there is an essential difference between the local and temporary means necessary for the effects of large and small quantities of alcohol; a difference of kind and not of degree. The effect of the small quantity, he says, is often beneficial; the effect of the fines food as both building up the tissues and former quality, they have the latter, and he further shows that the alcohol in moderate quantities is entirely assimilated in the huter early in the season than when the at a stand-still when everything around us wood becomes dormant. Blackberry and raspberry bushes can be rendered much more shapely, and of more substantial growth, by nipping in the canes when present period; they have developed two sharply defined systems, each with its appoint three feet high than by allowing sharply defined systems, each with its appointment of the season than when the data stand-still when everything around us moves?

Let me, in conclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons where alcohol forms only from 3 to 10 per bence from all that intoxicates from the inconclusion, distinctly say that I try to give a few additional reasons whose and beers, and the properties of the properties o that fruit is poisonous because prussic acid, which is a deadly poison, is found in it. Nato human wants, and all nations have recogand an excessive use of stimulants, and have testified to the wisdom of using nature's pro-

> Fifth-A fifth moral error of the total abstinence system is its dependence upon a contract, rather than on moral sense. I inveign. And let me also repeat that I am attacking a system and not persons. I have no war with men, but with error. I can honmoment of man's emergency, tie up his conscience with a pledge, which, when the emergency is past, he will bear irksomely and en-deaver to nullify or evade. This is a most ever, an active and energetic man will hardly ever be compelled, a little forethought and effort will readily open new channels.
>
> The active and energetic man will hardly stitute for principle. It is a sign not of weakness, for we are all of us weak enough, but of readiness to reform. True reform would The study of the requirements of one's demand a change of the underlying principles

vision without abusing it.

improper without bringing reproach upon the would have to be modified to suit, for so long breeding, and send the others to mar-Lord Jesus Christ and his apostles. There as an orchard of bearing trees is making a ket. In shipping fancy poultry to mar-has been an immense amout of wriggling by growth of from six to fifteen inches yearly ket send it dressed.

Christian writers on this supject to get away it has vigor enough. There can be no gene ignorance is fairly splendid with boldness, ferently from thin, dry hill soil; when pl brious? Why decons should not be given to much wine? Why the Corinthian communicants should become drunken? Why the strips between the rows. apostles at Pentecost should have been ac sed of wine drinking as the cause of their never hint at two kinds of wine—a good, un-fermented wine, and a bad, fermented one— years. The owner having a large quantity when it would have been so easy and natural of hay drew it from the field and placed it lead us into great danger by their unguarded remarks about wine, as if there were but one sort; nay, worse than that, Paul even he allowed the deacons to use it as a beverage. Did he mean unfermented wine? Then why did he limit the amount? This dilemma and all the other arguments from the Scriptures are as mere cobwebs to the laces of these valiant knights, who are too free and firely to be checked by reason or overcome by sylloauthority.

The right system must be one that recognizes practically the difference between ex-cess and moderation, and the difference between injurious and harmless drinks, and that will appeal to the common sense of reasonable and thinking men. It must be a system that deals honestly with history, science and Scripture, and does not invent theories and then support them by garbled quotations and imaginary facts. It must be a manly system that has no cant or foolery of orders and ribbons, degrading a matter of high principle to the hocus pocus of a child's play. Such a system would be found in the exclusion of distilled liquor from common use as a beverage, both by public opinion and by law, and the wise regulation in society and in the State of the use of vinous and malt liquors. Society should put away all the drinking usages that lead to excess—such as furnishing many wines at an entertainment, or "treating others, or putting brandied wines upon th table, and the State should limit the number of licensed sellers to at most the proportion of one to a thousand inhabitants of each town, and these sellers should be under heavy bonds not to sell to minors or drunkards and not to allow disreputable characters to gather at their places. The law should like-wise make the collection of evidence against a licensed seller easy, and the penalty cently delivered by the Rev. Howard Crosby, as well as fine. On a basis like this, that of breaking the law should be imprisonment chancellor of New York university, at Tre- does not sweepingly condem every drink that has alcohol in it, the great majority of the Fourth—A fourth moral error of the total people could work accordingly, and therefore Fourth—A fourth moral error of the total abstinence system is its assertion that all drinks that contain alcohol are poison; that vocates enjoy. They know that this absurd extravagance disintegrates the army of order and renders it powerless; that so long as temperance is made to mean "total abstinence from everything that can intoxicate," the great multitude of order-loving men would shrink

from joining any temperance movement, and hence the wholesale destroyer of the race can go on with their nefarious work with impunidrunkenness of the land, with its attendant in all situations. tem are responsible before God and man for by the change as to fail to give satis tne spreading curse. Let me, in conclusion, distinctly say that I

Rules for Poultry Raising.

I contend, and which I hold up as the hindrance to the reform and the promoter of the drunkard's cause is the total abstinence crustage or propaganda; the forcing total abstinence upon the community as the duty of all; the putting under the ban every one who does not follow that standard; the insisting upon total abstinence as the only safety against drunkenness. It is this headlong movement which virtually cries, "the koran or the sword," and tramples alike on reason or the sword," and tramples alike on reason of the sword, and protect from vermin.

Rules for Poultry Raising.

In raising poultry or stock it should be the aim of every one to keep it the trait and ornamental trees from the tanapy unrealiable agents and tree dealers who have flooded their rait and ornamental trees from the tanapy unrealiable agents and tree dealers who have flooded the very easily by adopting some systematic rules. These may be summed upon total abstinence as the only safety and improve it. You can do it very easily by adopting some systematic rules. These may be summed upon total abstinence as the only safety and improve it. You can do it very easily by adopting some systematic rules. These may be summed upon total abstinence as the only safety and improve it. You can do it very easily by adopting some systematic rules. These may be summed upon total abstinence as the only safety and current and ornamental trees from the tanapy unrealist and ornamental trees from the tanapy unrealist and ornamental trees from the tanapy unrealist and consuments trees and ornamental trees from the tanapy unrealist and ornamental trees from the tanapy unrealist and crantent or the sword," and tramples alike on reason and Scripture in its blind rush. It is this and not private total abstinence, against which I inveigh. And let me also repeat that I am no war with men, but with error. I can hon or the men who uphold a pernicious system, for I can believe in their purity of motive and singleness of aim. And for this reason I the more earnestly and hopefully urge them to consider their ways and abandon a course which is only confirming a dreadful curse we

all abhor and desire to remove. It is stated that the reason the Wilson strawberry holds its own among new varieties in spite of their superior size and flavor is that the finer flavored sorts rapidly deteriorate after picking, while the Wilson retains its original taste for a considerable length of ime. This fact must give precedence to the Wilson as a market berry. What is wanted Wilson as a market berry. in the coming strawberry "is a fine flavor when picked, and a power of retaining that flavor for eighteen or twenty hours after being gathered."

Our plan for cultivating a bearing orchard -and we ask for none better, only that we markets is in either case of the greatest importance, but with a direct market, where the Instead of that, he reforms the surface. In stir the soil with—is to plow the ground begrower becomes personally acquainted with stead of turning the stream into a new chan tween the rows one way, not trying to plow grower becomes personally acquainted with his customers, such knowledge is easier obtained. As a rule, it is poor policy to try to coax or force new things on the market, expecting to create a demand for them. It matters but little how desirable we consider the method and the companies of the coarse of the co pecting to create a demand for them. It matters but little how desirable we consider the article—people know generally just what they want and will have nothing else; it is, of the pledge. Surely such a wholesale determined by the second for Catalogue to Rev N. J. Morrison, and then about the winter.

Send for Catalogue to Rev N. J. Morrison, then the other to the other than the other than the second for Catalogue to Rev N. J. Morrison, and then about the winter.

13. Let the old and young have as large a range as possible—the larger the better.

AGENTA WANTED—LIFE AND ADVENTURES OF FRANK AND JESSE of the pledge. Surely such a wholesale defiling of promises is a profane dealing with
sacred things, and marks a very corrupt sysIf we should plow the orchard both ways, fowls a AMERICAN Wonder Pea.—"These vines namental hedge plants. For this purpose it is permanent and very easily cared for. Six or eight of the best blooming strong growing varieties planted alternately, or two to four of the most distinct, planted a rod of one and then a rod of the other would be very best and of the other would be very best of our shrabby or restrained by imposed law, but so far forth as that conduct has a moral element in it no action of the man himself can affect it, except least half the roots undisturbed, and the roots undisturbed, and the same time, unless you are going into the business. Three or four restrained by imposed law, but so far forth as that conduct has a moral element in it no action of the man himself can affect it, except least half the roots undisturbed, and the trees are not checked at all. And we cared reliable breeder.

Sixth—The sixth and last moral error of the total abstinence system to which I shall the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at a source check, but by pledges. His outward conduct may be destroy so many roots as to give the orchard to restrained by imposed law, but so far forth as the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only one way at a time we leave at the rows only o philosopher, nor a moralist, but as a Chrisbroken roots could put forth new feeding roots a little more for birds, but you can detian, who believes in the divine authority of in the fresh, mellow, plowed land. This kind pend on what you get. Culls are not

Dr. F. M. Hexamer measures the increase of the culture of the strawberry by the great length of the season, a season of three weeks length of the season, a season of three weeks laving been lengthened into one of six months.

Look out now for the first appearance from this alternative, but there it stands improvements of this orchard pest. Deacon Brown suggests that farmers keep a sharp look-having been lengthened into one of six months. They disarm criticism by their overwhelming ed in orchards they should generally be laid down in grass, and the thrift of the trees kept up in part by cutting back and thinning

A correspondent of the American Cultivator St. Louis, Mo., and book will be forwarded around the trees to the depth of twelve inch es, covering the whole ground occupied by the trees, omitting every alternate row. Th a was done in the month of July. The next and the leaves had a beautiful green and spring-like appearance, while those without the mulch bore no fruit at all. The varieties were the same.

GRAFTING WAX .- Three parts resin, three parts of beeswax, and two parts tallow, will make an excellent grafting wax. A cheaper the controversy; and, therefore, I have to charge the total abstinence propaganda with wrestling the Scripture and displayed at the controversy. mixed, pour into a pail of cold water, when the wax will harden sufficiently to be worked and pulled, as in working molasses candy.

| All whether the direction of \$3 per bundred. A column of the sufficient of the suff and pulled, as in working molasses candy. If used in cool weather, it will be necessary to keep it in warm water, and in hot weather. cold water will be needed. For nursery grafting, this wax is sometimes melted and spread on narrow strips of cloth which are wound around the graft.

Che Poultry Pard

Plymouth Rocks.

F. H. Corbin says, in 1869 a new breed of poultry was exhibited for the first time. This was of American origin, and stood almost alone as an American cross. stood almost alone as an American cross. At first the critics said that it would not and could not breed true, from the simple fact that it was such a cross. This breed was subjected to much adverse criticisms, and its early disapurate and its ea pearance predicted. What is the result? Only about eleven short years have passed since it was first exhibited, and, wonderful to relate, it already ranks as nearly, if not quite, the leading variety of poultry in this country. The poultry shows are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls such that work are filled in great part with fowls are filled in great part with fowls such that work are filled in great part with fowls are filled in great part with a work are filled in great part with fowls are fil of this variety, and the poultry journals now to the Plymouth Rock, which in its improved shape ranks the highest, from a utilitarian standpoint, of any breed in this country. What is the occasion of this change in sentiment? Why do those who formerly abused the breed now join hands to raise it to even a higher place of honor? The simple ty. Now, what is needed is the union of all fact is, the breed has proved itself good men who desire to stop the fearful worthy under all circumstances and drunkenness of the land, with its attendant crimes and misery. That union can never be effected on the principles of the total abstinence propaganda. But it can be effected on the principles of truth and common sense, and Norway, and the torrid atmosphere It has been tried and they who prevent this union by their ten-acious adherence to a false and fanatical sys-stance have they been so much affected faction. In a future number we will try to give a few additional reasons why the Plymouth Rock is, for general

2. Provide a dusting and scratching place, where you can bury wheat or corn, and thus induce the fowls to take

needful exercise.
3. Provide yourselves with some good healthy chickens, none to be over three or four years old, giving one cock to every twelve hens.

4. Give plenty of fresh air at all times of the year, especially in summer.

5. Give plenty of fresh water daily,

and never allow fowls to go thirsty.
6. Feed them systematically, two

three times a day, and scatter the food, so that they can't eat too fast or withthan they will eat up clean, or they will get tired of that kind of food.

7. Give them a variety of both dry and cooked food. A mixture of cooked more and cooked food. A mixture of cooked and waretables. out proper exercise. Do not feed more

meal and vegetables is an excellent thing for their morning meal. 8. Give soft feed in the morning, and the whole grain at night, except a little Give soft feed in the morning and wheat or cracked corn placed in the scratching place to give them exercise during the day.

9. Above all things keep the henhouse clean and well ventilated.

10. Do not crowd too many in one house. If you do, look out for disease. 11. Use carbolic powder in the dusting bins occasionally to destroy line.

12. Wash your roosts and bottoms of

fowls at the same time, unless you are

My Good Woman.

Why are you so out of sorts, never able to tell folks that you are well? Ten to one it's all caused in the first place by habitual con-stipation, which no doubt finally caused de-ranged kidneys and liver. The sure cure for constipation is the celebrated Kidney Wort. It is also a specific remedy for all kidney and liver diseases. Thousands are cured by it every month. Try it at once.—Toledo Blade.

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The executive committee of the Misthe liberal and enterprising people fine order. fore the committee.

pan out. They finished their labor, per pound, the same as Muscovado. to their own satisfaction apparently, if fall wheat, placing the sum at 525,000,000 as the product of the sugar maple. bushels, a sum considerably in excess of last year's product. The champion sult of his investigations.

has done considerably in the way of cherries of our own growing in 1881. supply of peaches. Our friend Mr. A. on the peach. T. Spotswood, of Winfield, Kas., is ordering box material by the car-load, to the pleasure of shaking hands with Mr. accommodate this vicinity.

The fruit growers along the St. L. I. The fruit growers along the St. L. I. M. & S. R. R. have been favored by the management with the lowest rates they ever enjoyed. Under the Southeru Experses company before the I. M. R. R. R. R. I. I. Deaches in Union Co., Ills., if no untoward circumstance befall them hereafter, will bear a full crop. They were in full bloom April 23d. C. W. M. press company, before the I. M. R. R. management placed their own express on the road, shippers had to pay about

day, before home growers had any ready for market. The berries were mainly which was still a more flaming circular butter is the rule of these crops.

One-half our butter is the rule of these crops.

new publication issued at 3051/2 Olive package of asters could cost him 25 street St. Louis. Its first number is a said envelope, containing seed and cirremarkable one, for an initial publica-cular. I think it would be well to retion and promises great things for future issues. It is evidently in the hands of practical people and will beyond a seek the more legitimate method of a good form; a rich color; a good escut doubt stimulate mining interests in St. Louis-and really such a motor as the Mining World is needed to direct attention to the magnificent fields now opening in New Mexico and the south west, andits influence will undoubtedly be felt. In its editorial, news departments and correspondence, there is evidently experienced direction and we can say to our readers interested in these matters that everything in the Mining World. that everything in the Mining World, is clear concise and tangible to the intellectual reader, there being no difficult technicalities or scientisms to the diff paper and worthy of extensive patron-

has become an unqualified success. The railroads running east, and the grain re eivers in the sea-board cities, at last realize that the business and revenue prairie in Arkansas. There is prairie railroads running east, and the grain arising therefrom, is surely passing away from them forever. The New York and Chicago markets feel its loss more keenly than any others; and the watered and timbered, and climate denitable attacks of the continuous conti outlook steadily grows more gloomy \$50 to \$100, are numerous and good.
as the business expands in favor of the Our Plymouth Rock hens, young and old, Mississippi river route to Europe. Perhaps the largest shipment yet was towed down stream last Saturday night, by the steamers Oakland and Boston.

The shipment embraced eleven thousand tons of grain: 200,000 bushels of the steamers of the obst actors and reference as we have just seems, the more absurd are the offers of the manuscape and old, thought of as any importance.

The largest yield of a single cow, that is facturers. Their idea of the wool mark they can buy wool now to quick, and others to the back of their authentically recorded, is that of an animal ket is perfectly absurd when they hon-those who carelessly picked and ate they can buy wool now by the steamers Oakland and Boston.

The shipment embraced eleven thousand tons of grain: 200,000 bushels of the outer of the best actors and remove absurd are the offers of the manuscape of the wool mark facturers. Their idea of the wool mark they in the trurb, and they produced death in the turf. He has the fastest record at the turf. He has the fastest record they consecutive years she gave an average of 1210 of any colt entered in the race, and should be come to the post in good consolidation is a probable strong favorite.

The largest yield of a single cow, that is facturers. Their idea of the wool mark they in the turf. He has the fastest record as we have pust seen.

The largest yield of a single cow, that is facturers. Their idea of the wool mark they can buy wool now be they can buy wool now be as a correct of the more absurd are the offers of the manuscape as we have just seen.

The shower have just seen.

The largest yield of a single cow, that is facturers. Their idea of the wool mark they can buy wool now be as we have just seen.

The shower h

THIRTY-FOURTH YEAR corn, 150,000 bushels of wheat, 5,000 bbls. of flour and other freights. To move this volume of grain would require

for a large business house in St. Louis, and comes, through his business, in frequent contact with farmers, and who is Kansas and Nebraska never had a more sissippi Valley Horticultural Society, promising outlook for a large crop of ing cities, could not but feel grateful to an extraordinary pace, and the soil is in

struction. Twenty-eight hundred acres Experts have been at work the last to be planted to Amber cane are already two weeks, ascertaining how many contracted for, and more is added every bushels of wheat the crop of 1881 will day. The sorgho sugar sells at 10 cents

A Chicago firm has contracted with the not to that of the public. They have owners for 500,000 gallons of syrup at discovered and footed up carefully the 80 cents per gallon, the syrup to be mixnumber of bushels of both spring and ed with pure maple syrup and to be sold

Sweet Cherries.

expert appears to be in the "Chicago Tribune," and the foregoing is the rebud in the vicinity of St. Louis. I am farmers need a stirring up on this subhappy to know now that much bloom, In estimating the probable supply of apparently healthy, is now in view, and peaches this season, the State of Kansas that, with a favorable season from now has been entirely overlooked. Kansas on, we shall yet be able to taste sweet

tree planting the past three or four The Early Richmond is loaded with years, notable so in the peach line. bloom and is, withal the very best Strange as it may seem, many of the cherry for canning. Pears, especially orchards seem wholly unimpaired. In the Seckle and Bartlett, are also bloomwhat is referred to as the "Arkansas ing freely, and the same can be said of Valley," in which is situated Wichita apples and the Chickasaw plum. We and neighboring towns, there is a large have failed to see a single live bud

In passing I will remark that I had Bouton, editor of the Jonesboro, Ills, Gazette, and from him I learn that the

About Flowers.

EDITOR RURAL WORLD: An article double the present charge. The busi- in a late issue of the RURAL WORLD, ness has grown very rapidly. Fostered from Ainsworth, Ia., prompts me to \$22,000,000. and encouraged in this timely and sensi-say a word on that method of advertisble way, a large revenue arises in which ing. I do not know who R. Rennie is, the express company and the growers and he may be as represented in said are mutually interested. This applies article. It is of another I would speak, especially to the great number of peo- from the same post-office. One J. W. ple engaged in the business in Ar- Pearson, who wrote a very disinterest-The St. Louis market was glutted in the garden," sometime in March last, with strawberries during the past week. in answer to a correspondent. After a Arkansas was represented in the re- very flowery description of the said ceipts to an extent unexpected. On eight varieties, concluded by offering ease last Tuesday night (10th) upward of the same for the small sum of 25 cents. 500 cases were received from that State Stating that the amount was "merely and next morning 1,400 cases, throw- to cover the trouble of putting up ing upon the market at once about 2,000 the seeds and for the necessary postcases of berries, the largest supply ever age." Well, wife had been wanting placed on the St. Louis market in one some seeds and sent the requisite quarsoft and unfitted for re-shipment, made from "J. W. Pearson, seed and fruit so by being visited with frequent rains grower, Ainsworth, Iowa," and a small at a fancy price in Boston.

a few days before leaving the hands of dyspeptic package of seeds, marked "astronycors" Receivers were thus com the growers. Receivers were thus compelled to sell at once for what they could get.

The Mining World is the title of a receiver were thus compelled to sell at once for what they seedsman. Now, if this is an honest transaction, I confess I do not know the term, and would request Mr. J. W. Pearson to rise and explain how a small receiver of eaters could cost him 25. Only a 1-cent stamp ornamented paying for space in your advertising columns. When, however, one does creep in under the guise of a humanitarian, and abuses your confidence, he whend he have represented by the columns. To keep cider in good condition, whether it is to be used as a beverage or for making tarian, and abuses your confidence, he whend he have represented by the columns. should be unsparingly exposed, otherwise your patrons may be swindled.
FRANK HOLSINGER.

Rosedale, Kas. CORRESPONDENCE.

COLMAN: To my notice of last week for cane to run a large mill, I have received already four responses from Kansas; and ere this the gentleman for in the list of northern cane producers. I. A. HEDGES.

COL. COLMAN: The winter of our dis The daily departure of at least one immense cargo of grain from this city by the river route for Europe is the great topic in commercial circles from the Atlantic to the Pacific. The movement which has so long been regarded as an experiment or with indifference, has become an unqualified success. The

Moniteau county, Mo., April 29.

Col. Golman: Perhaps some of your readers would like to know how people here have passed the winter, &c. Our locality has only known winter in name. Vegetation has a granular large to.

The Scientific American advances the folnot so hot as in Illinois and Indiana.

K. FERGUSON. Ft. Green, Fla. COL. COLMAN: I would judge by the roots, leaving nothing but the ashes, way my paper comes that it is a lone withal, a pretty close observer, says: RURAL, and to look at the surroundings, it is alone as an agricultural paper in this vicinity; and if you will send sissippi Valley Horticultural Society, promising outlook for a large crop of which recently convened to consider the various propositions from competties could not but feel grateful to an extraordinary pace, and the soil is in old copies on hand, but want to save of Columbus, Miss., for their most liberal tender of \$2,000, to have the society and vicinity the "Amber cane" industry and vicinity th eral tender of \$2,000, to have the society meet there next October. In a financial way it was by far the best offer before the committee.

and vicinity the Amber cane industry are very backward with our spring work. Oats are all up, but scarcely any plowing done for corn. Wheat is coming out some, but it will not be more will cost \$50,000 are in process of conthan half a crop, excepting a few pieces that were put in in good time and order. I agree with friend B. on that subject, and think this winter will teach some farmers the necessity of putting the wheat in early, and having the ground in proper condition to receive the seed. would like to hear from some one that has had experience in soiling stock. I ask this question, but won't look much for an answer, for there are thousands of questions that go ununswered. Those that can answer them, keep putting it off till it is forgotten. There is no use

> H M. RHOADS. Cobden, Ills., May 4.

of the farmers being so negligent, for

Bee Keepers at Mexico.

lish in the RURAL WORLD, the call for muck, forest leaves, straw, refuse hay, sawa Bee Keeper's Convention that meets in Mexico, Mo., June 2d. I send you a paper containing the call. Would be glad

Farm Notes.

Plants are nature's chemists. Every farm should own a good farmer. In agriculture, giant growth is due to giant

Maud S. is expected to appear at Mystic Park in June to trot against time.

Clover that sends its roots deep into the arth is considered the best sub-soiling agent to be had.

preed of sheep. Many farmers are too easily content with what is, rather than an exertion for what

Many a farmer pays out large sums for ed article upon the "eight best flowers fertilizers, while he allows those of his own barn-yard to run to waste.

If your little chickens are drooping, try lard and sulphur. The cause is very likely to be lice, and not any more complicated dis-

in a position from which the sunlight is ex-

importing so largely of them. Never let the grass get the start of your crops. Once ahead, this enemy to the farmer multiplies and increases more rapidly

than compound interest or a mortgag To pass judgment on the good qualities of cow, keep the following points always in

flowing every few weeks. Cider of the same quality is best for this purpose, but when such is not at hand, sweetened water may be

Capital is pouring into Virginia at a greater rate than in any former period of her history. But recently a wealthy English gentleman invested \$600,000 along the line of the Richmond and Alleghany Railroad; another

kinds when raised from the pits generally vary but little from the parent fruit; others even if some of their offspring prove inferior—may produce seedlings of superior quality. All our choice varieties originated in this way.

A compost heap should be a permanent assistation in every garden, and it will be found surprising how much fertilizing matter can be seem plated during a year. Such a struc-A compost heap should be a permanent inbe accumulated during a year. Such a struc-ture need not present an unsightly or objectionable appearance; it may be built behind some hedge or in a fence corner and protected from sight by a few evergreens. means have a compost heap in your garden.

Errors in butter making are uncleanliness. too much acid in cream, caseine or butter milk in a decomposed state, too much friction in churning, and working the butter, bad salt and too much of it, foul milking stables, impure water odors from various sources. known and unknown. These are errors vital in their consequence, and not generally thought of as any importance.

this volume of grain would require fifty railroad engines on a level track. In other words it would make fifty railroad engines on a level track. In other words it would make fifty carried by the frost. Our orange trees are now laden with young fruit, and heavy freight trains, upwards of 1,000 are now laden with young fruit, and until quite recently have had plenty of cars. Monday evening a similar shipment was made.

Kansas and Nebraska.

Kansas and Nebraska.

A gentleman who travels extensively and plenty of saltpetre, fill the hole with water and plug in close. In the ensuing spring take out the plug and pour in about a gill of kerosene oil and gnite. The stientfic American advances the following important information to those who desire to get rid of stumps upon their farm:

The Scientific American advances the following important information to those who desire to get rid of stumps upon their farm:

The following are the pedigrees of the thoroughbred mares, lately purchased by J. Lucas Turner, of Columbia, in close. In the enutum or early winter bore a hole one or two ounces that comes within their reach. Again, there is danger at any season when the live stock have just come off a weary, one or two inches in diameter, according to the thoroughbred mares, lately purchased by J. Lucas Turner, of Columbia, it close. In the enutum or early winter bore a hole one or two ounces of saltpetre, fill the hole with water and plug it close. In the enutum or early winter bore a hole one or two ounces of saltpetre, fill the hole with water and plug it close. In the enutum or early winter bore a hole one or two ounces of saltpetre, fill the hole with water and plug it close. In the enutum or early winter bore a hole one or two ounces of saltpetre, fill the hole with water and plug it close. In the south of stumps upon their farm:

The Scientican value of stumps upon their farm:

The following important in and ignite. The stump will smoulder away, without blazing, to the very extremity of the

The Poultry Monthly says that ninety pounds of grain is sufficient to keep a hen in prime condition for one year. If fed as much as ninety-eight pounds, divided as follows, the debris of the kitchen it will increase the proper care and attention, one hundred hens should be made to produce an annual profit of from \$1.50 to \$1.75 each.

The liquid excrements of all kinds of stock are of more value for fertilizing land than the solid excrements. Still the great majority of farmers take no pains to save them. Stables should be so constructed that the urine voided by animals may run through chutes into tanks from which it may be pumped out and sprinkled over the land, or be conducted into vats filled with atsorbents. The former method of disposing of liquid manure is attended with more trouble than the latter and is productive of poorer results unless the material is sprinkled over grass or poured on soil plented with vines, bushes, or plants that require to have their growth stimulated as fast as possible. Currant bushes, tomato plants, squashes and mellon vines. derive very great advantage from liquid manure applied at different times during the season. They are gross feeders and soon take up the soluble portions of the solid manure that was applied in the spring or the previous fall. For most field crops it is easier and better to fix the siquid manure by COL. COLMAN: Will you please pub- means of absorption, such as dried peat or dust, or any material used for bedding horses and cattle. The pores in these substances will take up the liquid manure and render it easy to handle. It will also cause the subfor you to have a reporter and publish proceedings in your valuable paper. Hoping this will meet with your approbation, I am, Sir, respectfully yours, &c. Mexico, Mo., May 13. P. P. COLLIER. Vice Presd't N. A. B. K. Society for Mo. stance with which it is combined to decay the pressure, it fills the walls of the foot. vegetable matter be placed in this it will soon absorb the liquid and become partially decomposed. This manure mill may be kept in constant operation without expense.— Chicago Times.

Snakes Catching Fish.

One day, while catching minnows a usual, I noticed a number of snakes the common water moccasin, approaching the dam or footway of stones. The water yet lacked several inches of reach-The gross income derived from tobacco by the farmers of the United States is about \$22,000,000.

The merino sheep will produce a larger proportion of grease to wool than any other to resist it. Watching the snakes, I saw one after another reach the dam and take their station upon on it, submerging themselves all but their heads which were raised about an inch above the water, and pointed in the direction of the coming tide. In this position I counted seven snakes, arranged in uneven intervals, in a space less than sixty feet. I came to the conclusion at once that they were fishing, and watched them with a good deal of interest. Pretty soon I saw one head strike for To preserve potatoes they should be dried ward, going under the water, reappear as soon as possible, and placed immediately ing in a moment with a large bullin a position from which the sunlight is excluded.

The snake immediately loosened its hold upon the should be exporters of these crops instead of and the particular stage of the tide at which to start on their fishing excur sion? How do they know that a number of minnows will be swept over the miniature falls made by the rocks? These are questions that go beyond my omprehension, and I leave them for others to answer. But the facts remain, and anyone who will take the trouble may veryfy them at any time during the summer, by a visit to Grav-

The wheat farmers of England according to late advices, are greatly discouraged at the competition with this ountry and the unfavorable weather which has of late seriously impeded agricultural work. So many farms all over the country are now tenantless that even should the weather henceforth prove propitious, a considerable dimination in farm crops seems inevitable. A single landlord in Essex, one of the leading wheat-producing counties, has over 10,000 acres of land for which he can find no cultivators, and a great deal of slovenly farming is loudly complain-ed of. Land owners are still making eductions in rent to their leasehold terants, and are ready to rent their unoccupied lands at considerably lower figures than they were formerly willing to accept. On this account and because as a rule, they are relaxing their form-er strictness, with regard to the terms of leases, a considerable increase of

they find themselves stuck on undesira-ble and heavy shrink stock. In the pres-ent unsettled condition of trade prices are so irregular and far apart, that no manufacturer could trust to his own judgment in the purchase of wool. The cheaper wool is offered, it seems, the

Stock Breeder.

Barbary—Bay mare, foated in 1874, by imp. Bonnie Scotland; 1st dam, Fallulah by Planet; 2d, Mazurka by Lexington; 3d, Miss Morgan by imp. Yorkshire; 4th, Sally Morgan by imp. Emansisted with wholesome food, as in enshire; 4th, Sally Morgan by imp. Emansisted with wholesome food, as in enshire; 4th, Sally Morgan by imp. Emansisted with wholesome food, as in enshire; 4th, Sally Morgan by imp. Emansisted with wholesome food, as in enshired with the oleander which is not confirmed to the olean to t

by imp. Bonnie Scotland; 1st dam, Jessamine by Brown Dick; 2d, Woodbine by Lexington; 3d, Miss Nattie by imp. Glencoe; 4th, by Old Stockholder. extended pedigree see Bruce's Stud Book.

Bazique—Chestnut filly, foaled in 1880, by imp. Bonnie Scotland; 1st dam, Minerva by John Morgan; 2d, Mary Gowen by Childe Harold; 3d, by imp. Priam; 4th, by imp. Leviathan. Bryonia—Bay mare, foaled in 1873, by

Jack Malone; 1st dam, Arnica by As teroid; 2d, Iodine by imp. Sovereign; 3d, by Stockholder; 4th, by Pacolet.
Sally Edwards—Bay mare, foaled in 1875, by Nanie, son of imp. Glencoe; 1st dam, Optima by imp. Knight of St. George, 2d Glenloge by imp. Glencoe; 1st dam, Optima by imp. Glencoe; 1st dam, O

George; 2d, Glenluce by imp. Glencoe; 4th, Eliza Bailey by Columbus. Volante—Brown mare, foaled in 1872, the Rocky Mountains. The list is as follows: Brown Dick; 2d, Anodyne by imp. Albion; 3d, Ann Chase by imp. Leviathan;

4th, Morgiana by Pacolet.
Arcadia—Chestnut mare, foaled in 1876, by John Morgan; 1st dam, Sally Crow by imp. Albion; 2d, Ann Chase by imp. Leviathan; 3d, Morgiana by Pacolet; 4th, Old Sophy by Top Gallant.

Shoeing Horses.

A blacksmith writing to the Horse Shoer puts forth the following sensible deas:

First and foremost the frog is pernaps the most important member, being an elastic cushion to break the con ussion caused by contact with road, equalizing the bearing, and at the ame time being distended laterally making a good inside brace to keep the thin walls from contracting.

do not believe a foot can contract with proper frog pressure. (Most of the shoulder troubles, and a great part of the lameness of horses can be traced to contracted feet as their origin). As soon our judgment, and we believe that on as the horse is deprived of the use of his the 22d day of July next those present "cushion" by being put on iron "stilts," he moves like a man with wooden legs —all that elasticity of motion without which no horse can be desirable, in colt race ever trotted. We give a brief fact, without a good foot, no horse is desirable, and without a good frog, it with their pedigrees and performances, s not possible to have a good foot, and to have a good frog, give it its natural

ing is to get the bearings as nature designed. Consequently if you put on iron plates to protect the walls, compensate by removing enough to allow the frog to get bearing enough to retain its health and elasticity.

Bred by Daniel Hayes, Muscatine, 10ma, and believed by Iowa horsemen to be itally capable of acquitting herself creditably in any company.

2. "Tucker," ch g, by Strathmore, son of Rysdyk's Hambletonian, dam Fanny, by Sheriff's Bob Henry; started twice as two world winning a heat and secing is to get the bearings as nature de- Bred by Daniel Hayes, Muscatine, Iowa,

estinal worms in horses are, a rough, portant stakes at Louisville and Lexing staring coat; loss of condition generally; ton. an irregular but voracious appetite; fetid breath; passing of mucus with by giving the animal an ordinary dose of physic or the following purge: aloes, four drachms; powdered male fern, one ounce; oil of worm seed, 20 drops, to be feeding in the morning. If on examintar emitic, one drachm; powdered ginger, one drachm. Mix with enough of linseed meal, wet with boiling water, to form a ball, and give one every morning for a week, before feeding; then give a pint of linseed oil. Let the stomach rest a week and give another lot of balls, followed by the dose of linseed oil Then give good diet with daily tonics, say, two drachms of sulphate of iron, or four drachms of gentian in the food. For tape-worms an two faces in Kentucky in 1880, and seounce of areca nut, fasting, followed
with four drachms of aloes, should be
given if the horse is weak; if the animal is strong, however, a better dose
would be an ounce of oil of turpentine
in an ounce of water, to be followed in
four hours by another dose which in its four drachms of aloes.—Rural New

mare ate a single tuft of leaves from a the intention to start him at Lexington tenants is expected at Michaelmas.

How Wool is Bought.—More wool is often bought by telegraph and correspondence through brokers, than by mill owners themselves, as it is frequently found that this is the safest and best control of hind limbs. The mare died of leaves from a limited at a single tuit of leaves from a limite owners themselves, as it is frequently dull and haggard, and had partially lost control of hind limbs. The mare died before assistance could be obtained, and before assistance could be obtained, and the body the dark red control of Rysdyk's Hambrother of Dexter) son of Rysdyk's Hambrother of Dexte on their own account without the aid gested stomach showed the action of an acrid poison, and inquiry brought out the account of the cropping of the bleand heavy shrink stock. In the present unsettled condition of trade prices which the owner was entirely ignorant. As this ignorance is very wide-spread, ville a it may be well to say that all parts of the plant are deadly. A very small quantity of the leaves are fatal to the horse, each that all parts of the leaves are fatal to the horse, liable.

poisonous plants, the danger to animals is greatest when, as at present, vegeta-tion is only just starting, and when the stock are tempted to bite anything green cipation. For extended pedigree see only to the oleander, which is not indigenous to the north, but to other Bonanza—Brown mare, foaled in 1875, poisonous plants which should be rooted

For The Four-Year-Old Trotting Stake at Chicago.

The Trotting Stake offered by the Chicago Daiving Park, Says the Chicago Horseman, for colts and fillies, four years old and under, \$100 entrance, \$25 forfeit, \$1,000 added by the association, with \$500 additional in case Trinket's showed up last year, and including decidedly the best three-year-old east of

- 1. Kennedy Packard, Red Oak, Iowa
- enters ch f Trapeze.
 J. W. Smith, Shawhan, Ky., enters
- ch g Tucker. 3. R. S. Strader, Lexington, Ky., enters
- b c Alcoyne.
 4. P. V. Johnson, Chicago, Ill., enters b c Barrister.
- M. Higbee, Canton, Ill., enters be Dan Mace.
- 6. C. H. Raymond, New York, enters g g Phil. Thompson, three years. 7. J. W. Conley, Chicago, enters blk c Director.
 Allan Bashford, Paris, Ky., enters blk f Emma G.
- 9. G. W. Dickey, Silver Cliff, Col., enters br c Brown Wilkes.

 10. T. J. Snyder, North Middletown, Ky., enters ch f Clemmie G.

 11. C. F. Emery, Cleveland, Ohio, enters or f Emma Robbit
- ters or f Emma Bobbit.

These entries constitute by far the best field of colts ever entered in a fouryear-old stake outside of Kentucky, in on the grounds of the Chicago Driving Park will witness the best and fastest account of the colts and fillies engaged,

where they have made any. exercise by being pressed upon.

Why do horses stand easily on the sand? Simply because the pressure is equal; in other words, the frog is thus enabled to get its share of the pressure.

Therefore the important matter in shoring is to get the bearings as nature declaration.

Trapeze has made no public record, but is credited with a full mile in 2:52, half-mile in 1:20, and a quarter in 40 seconds.

Bred by Pariel Haves Musering Love.

Worms in Hors s.

H. B. K., West Paulet, Vt., asks the symptoms of worms in horses and a remedy therefor.

Ans.—The general symptoms of intestinal worms in horses are, a rough, testinal worms in horses are, a rough.

on.
3. "Alcyone," b c by George Wilkes, son of Rysdyk's Hambletonian, dam Alma Mater, by Mambrino Patchen, is a full brother to Alcantara (record at 4 More cotton and less tobacco, should be the motto of every southern farmer where the soil and climate are adapted to the growth of these crops.

One-half ounce of salt to the pound of butter is the rule of salting adopted by the makers of the celebrated butter which sells at a fancy price in Boston.

Increased hay and forage crops should be the object of every farmer in the south. We there the object of every farmer in the south. We the object of every farmer in the south. We the object of every farmer in the south. We the object of every farmer in the south. We the object of every farmer in the south the shore, reaching the bushes; and the bushes; and the bushes; and the bushes; and the dung; colicky pains; itching and the dung; colicky pain 10, same place, won the 2:40 race, four drachms; powdered male fern, one being seven starters, and six heats trotounce; oil of worm seed, 20 drops, to be given in a pint of gruel an hour before Mollie Bell in third heat: time 2:35%, and winning the fourth, fifth and sixth ing the evacuations, one or more worms are noticed, give this vermifuge: tar- Sept. 15, won the 3:00 race in third, fourth Sept. 15, won the 3:00 race in third, fourth and fifth heats; time 2:38, 2:36¼, 5:35¾, and same week won double team race with his mate Mambrino Hippy in 2:58½.

with his mate Mannormo Hippy in 2:35/2, 2:55/4, 2:56/4. He will be a dangerous horse in the race.

4. "Barrister," b. c. by Almont, son of Alexander's Abdalla!, dam Puggie, by Brignoli, did not start as a 2-year-old-Started in the 3-year-old stake at Louis ville, Oct. 5, 1880, and secured fourth place. We believe Barrister won one or place. We believe Barrister won one or two races in Kentucky in 1880, and se-

four hours by another dose, which in its Temple, by Pilot Temple, has never perturn, is to be followed in an hour by formed in public, but is said to have four drachms of aloes.—Rural New shown trials close to 2:20. He comes of a trotting family on both sides, and will be likely to be heard of in the race.

Poisoned by Oleander.

A case that occurred recently under my notice may be recorded as a warning of the dangerous qualities of a favorite house plant. A fine healthy east of the Rocky Mountains. It was the intervient to start him at Layington.

ville and Lexington, both in straight heats, over good fields, and obtained a record of 2:30. Director is a fast game colt, and one of the best actors and re-

year-old at Lexington, Ky., Oct. 13, 1879, winning in straight heats; time 2:38¼, 2:40¾. As a 3-year-old, started twice, trotting second to Director in the Louisville colt stake, but only securing fourth place at Lexington. Her friends claim that in neutrer of these faces was she in fit condition to start, and that they are no criterion of her ability. She is un-doubtedly possessed of great spead, and will be likely to be well up in the

doubtedly possessed of great spe at, and will be likely to be well up in the race. 9. "Brown Wilkes," brn c, by George Wilkes, son of Rysdyk's Hambletonian, whkes, son of hystykes Hambetonian, dam's pedigre untraced; started once as a two-year-old, Nashville Tenn., October 1879, and as a three year-old in the colt stakes at Louisville, Ky., Oct. 5, 1880. stakes at Louisville, Ky., Oct. 5, 1880. He is a very promising colt, and was sold in December last by Beck & Holmes, of this city, to B. F. Montgomery, of Sil-ver Cliff, Col., for a large price said to

10. "Clemmie G.," ch f, by Magic, son 10. "Clemmie G.," cfl. 1, by Jagic, son of American Clay, dam by Berkeley's Edwin Forrest, is a full sister to Postboy, record 2:2315; started three times as a two-year-old, won two races, and states of 2:5014. In 1999 as a two-year-old, obtained a record of 2:501/2. In 1880 as a three-year-old, started five times; won a three-year Ky., Aug. 4 in straight at Sharpsburg, Ky., Aug. 4 in straight heats, 2:45, 2:45; unplaced at Cynthiana, Ky., Aug. 28; secured second place at Lexington Sept. 2, winning third heat in 2:36, her present record; unplaced at Louisville, Oct. 5; won second money in colt stakes. Lexington, Oct. 14. Judgcolt stakes. Lexington, Oct. 14. Judg-ing from her pedigree and performances, she is the equal of any filly in the race. 11. "Emma Bobbit," br f, by a son of True John, dam's pedigree untraced,

Nothing is known regarding this filly. she has never performed in public. but the reputation of her owner, C. F. Emery of Cleveland, O., former owner P grana and other good ones, and one of the best judges of a trotter in the country, is pretty fair evidence that she is worthy of attention.

A Successful Sale.

in this country, as will be seen by some of the prices below. Bonnie Scotland colts were in great demand, and fancy prices were paid, notable when the brothers of Luke Blackburn and Glidelia were put up. The brother of Blackburn was started at \$1,000, and in three bids was put up to \$3,500, when the bidding became hot between the agent of Geo. Lorillard, Milton Young, J. Williams, Commodore Kittson, Minneapolis Minn., D. Woodmansea, St. Paul, Minn., and Philip Dwyer, of Dwyer & Bros., and soon reached \$5,000. At this point all weakened but Dwyer and Woodmansea, who snapped at each other in sums of \$100 each until Dwyer gave a \$500 bluff, and took the colt at Bros., and soon reached \$5,000. At this

first sale of any of his stock, was nearly as successful. Talleyrand, to Col. W. H. Johnson, for T. O'Conner, Nashville, for \$2,609; Talladega, to J. I. Williams. Eminence, Ky., for \$2,125; Tennyson, Asa Burnham ("Cheese") Can in laigua. N. Y., for \$1,650; Toplight, to Geo. W. Darden, for \$1,010; Touch-me-not, to P. Lorrillard, New York, for \$2,100. The number sold averaged \$850 each. The increased interest in turn matters.

and lofty, and provided with means of thorough ventilation. In many new stables lofts are done away with, or the floor of the loft is kept well above the horses' heads, and ample shafts are introduced to convey away foul air. By perforated bricks and grating under the mangers and elsewhere round the walls, and also by windows and ventilators abundance of pure air is secured for the horses, while being introduced in moderate amount, and from various directions, to come in without draft. Too much draught is almost unknown to stable luxury. To secure a constant supply of pure air, horses require more cubic space then they generally enjoy. ndred cubic feet should be allowed In England the newer cavalry barracks give a minimum of fifteen hundred and nine feet, with a ground area of fully ninety feet per horse, and the best hunting and carriage horses have more

Tough Hoofs of Horses—All the trabian horses so largely used as cav-Arabian horses so largely used as cavalry in the British army in India, are saidto possess such tough hoofs that they yery rarely require shoeing. In a full-grown horse the hoof becomes as hard of the front legs at the knee-joint is as fint and he can make the most second are resulting from sprains. The treatas flint, and he can make the most severe marches without injury to his feet. n ancient times historians inform us that all horses went unshod, and to be predisposition; second, imperfect nutri-tion; third, alternations of moisture and depresent the second imperfect nutri-might produce relief. dryness; fourth, disease of the foot; and fifth, faulty shoeing. Horse breeders would do well to consider all these

Racing at the Fairs. It appears to us that this question should

be met in the same broad and catholic spirit with which those who control public affairs have to meet other questions upon which hat in neither of these races was she in there are differences of opinion. The most bitter opponent of racing will admit that many honest and respectable farmers in various parts of the country are engaged in breedbusiness of such farmers a legitimate one? value of horses of this kind is speed? Is not the purpose for which such horses are used lawful one? Bonner, Vanderbilt, and hundreds of others, who never started a horse in a race for money, are ambitious to own fast driving horses; to such men the most attractive features in a roadster is speed, and for exceptional speed they are willing to pay enormous prices. Is it legitimate for farmers to

were not made on the 2d of February, amounted to 81,691,331, of which 34,634,-100 resided in the United States, a number equal to that of all the hogs in Europe outside of Russia. For eleven months of last year our exports of bacon, hams, lard, and pork amounted to \$88,666,200, or \$10,000,000 more than for the whole General Harding's sale of yearling fiscal year ending June 30, 1879, and the exports of these articles in December thoroughbreds was the most successful amounted to \$12,608, 38, making a hog in prices received, of any sale ever held export in 1880 of more than \$101,000,000 worth. In our own state of Illinois the worth. In our own state of filmois the hogs marketed in 1880 were valued at \$22,137,461, against \$16,64,061 in 1879. Decidedly the hog is one of the great American interests and if the commercial crown once worn by cotton be now worn by corn, it may justly be observed that the hog is a copious devourer of the king, thereby enlarging his ampli-tude and proving his hostility to royalty in a way that becomes a republican hog.

Maud S., the famous trotter, reached which, however, is gradually growing less, and will not, it is said, prove an injury to her. She has grown considerably in the last year, and her trainer, Bair, predicts for her much greater sucgave a \$500 billif, and took the colt at \$7.500. The highest price ever paid for cess than last year. Bair recently asked a Bonnie Scotland yearling was \$3,200 for Boardman. The brother of Glidelia an, who visited the stables, to mark on started at \$2,500, was raised to \$4,700 her stalls his guess as to the record she after considerable skirmishing, when would make this year. Colonel Bullock W. H. Conner of New York, owner of Glidelia, got the colt on a raise of \$500, 207. Captain stone, the former owner of \$500. Milton Young who is nor of the mare, who has her yet in charge, 2:07. Captain stone, the former owner of the mare, who has her yet in charge, to \$5,000. Milton Young, who is partial to this blood, secured two, Bondholder at \$2,050, and Baccarat at \$1,000; about her summer schedule. It is stated Woodmansea secured the two fillies, ed that she will not be matched against Bedott for \$1,850, and Bric-a-brac for any other horse, but that all her efforts ## Second The average of the eleven sold will be against time. It is expected that she will trot here, at Chicago, and The get of the Great Tom, being the propably at Minneapolis, where there is an effort to get her and St. Julien together.

A pair of horses in an English stable, whose box stalls adjoined each other, were firm friends. The one who finished his hay first invariably received from the other enough to keep him busy until both lots were consumed. One day one of the horses made its way out of its The number sold averaged \$850 each. The increased interest in turf matters, as well as the performances of Bonnie Scotland colts gave this sale a big send off.

Stables.—The health and comfort of horses have of late years been greatly improved by the better construction of stables. They are made more roomy of the horses made its way out of its down loose box, the door of which was standing in the entrance of the stable, and taking the opportunity while the coachman was in the loft overhead, he was helping himself freely to its tempting contents. The improved by the better construction of stables. They are made more roomy and easily broken. His intestines are full of wind, He has catarrh, trichina, cholera, etc. The improved (?) hog is fast degenerating and what next?

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The improved (?) hog is fast one "dogging" in the liked it well. It enables a flockmaster to give a better ration to those that and easily broken. His intestines are full of which was a sent of the provent and the provent and easily broken. His intestines are full of which was the stables. They are made more roomy proceedings, add neighed loudly, evi-and lofty, and provided with means of dently demanding a share for himself and the servant was astonished to see the horse which was enjoying himself fill his mouth with the mash and poke his nose through the bars of the loose box for his friend to take it from his mouth. This was done several times.

Pare the frog carefully. Some shoers seem to take a delight in cutting away the frog of the foot until there is hardly any of it left. This should never be allowed. The frog is placed there by na-ture to act as a cushion to protect the Even when animals are stabled only at night, a minimum of at least twelve lectionable fault is in making the corks foot is continually thrown out of shape, and thus lameness is often occasioned The horse's shoe then should be as near level at the bottom as possible, only rather heavier at the heel than at the toe. In case of ice, even, it is only nec essary to draw out some of the nails and put in others with rougher and

ews resulting from sprains. The treat-ment should be as follows: Let the animal rest; put on a shoe with high able to do so particular attention had to be given to breed from none except those having the toughest of hoofs. Mr. Story, the American sculptor at Rome, in one of his publications, speaks of the Italian horses still retaining this extra toughness of hoof, derived, doubtless, from the old by the standard polyblications are completely restored by dividing the tendon below the middle of the shank and putting on splints to from the old by the shank and putting on splints to the shank and putting on splints to the shank and putting on splints to straighten the limb until new tissue from the old Roman blood. These brittle and tender feet in horses, its contended, come from the following neglect in breeding: First, hereditary the above treatment and stiff bandages

> In a letter received from J. Morrison McClelland, who is training Mr. F. D. Stone's stable at that place, says that he

The Pig Pen.

breeding sows when they are allowed two hundred ewes at noon, at night all to feed on grass. This is the only food the hay they would eat of three differthey require until the young pigs are a ent kinds-timothy, Hungarian and ing horses with the especial view to speed week old, when milk or meal of some rowen. They were especially fond of and endurance at the trotting gait. Is the sort may be given to them to increase the latter, and we had reserved a large the flow of milk, if they require it. allowance of it for the lambing season. stant demand for the stoutest and fastest roadsters, and that the principal measure of cause they are in a natural and healthy Sows thus managed are never ugly, and never destroy their pigs. Why? Because they are in a natural and healthy condition. The grass also increases the flow of milk and is quite often sufficient food for a sow while rearing her young. Young pigs soon learn to eat grass, which is alike natural and healthful for them. We never have a case of scours or thumps among our pigs when running in pasture. The grass serves to counteract the effect of corn, and many pigs on grass can be fed heavily with plenty of grass. A patch of sweet corn in drill will be found convenient to supral New Yorker.

The Hog Improved to Death.

Under this head F. J. Emary writes to the Iowa Homestead: The hog of a former day -say twenty-five years ago—was at once ugly and hardy. The hog of to-day is handsome, helpless and imbecile. Among the once hardy hogs about 5 per cent might die of accident and disease. Among the present race of ma-proved (?) hogs, 50 per cent mortality is nearer than 5. A learned State commission her 7th year on Monday last. She is in splendid condition, barring a small elaborate report is "Prevention is better than splint on the outside of the right leg, cure." Quacks and specifies abound, but

hogs are obstinate, and persist in dying.

The hog problem has been, and is, "from a given amount of feed to make the greatest amount of fat, and in the shortest time." In

A blacksmith's arm is his best development. A letter-carrie's leg, a professor's brain, an alderman's stomach, are severally theirs. By parity of reason the develop-ment of the hog, is as the alderman—all toward tomach and fat. But the comparison is inhe is 16, and make a family man of him then. up. Each by herself in a little pen with The alderman would "play out" as does the left lamb and to be obliged to go the nog and his progeny and be of no account.

The former hog had more muscle and less

the feed he ate was often of more value than

The present hog fattens, but is seldom healthy. Scarcely any oxygen colors his blood red, as formerly, but the sluggish black blood, propelled by a heart smaller than it hould be, enables him to live along with great care until he is ready for the market. His lungs are so delicate that one "dogging"

The Shepherd.

Edited by R. M. Bell, of Brighton, Macoupin Co., Ill., to whom all matter relating to this department should be addressed

earlier lambing than had been our custom for several years past, and came to with the considerate attention which grief thereby. If it were not for the foot of the animal when he places it extraordinarily bad weather or this suddenly against any hard substance, season, and the heavy losses which and should never be touched except to have been sustained by men whose extraordinarily bad weather of this season, and the heavy losses which reputation as good shepherds is established beyond cavil, I should be much or heels of the horse's shoes so high that lished beyond cavil, I should be much with no toe-piece to correspond, the dissatisfied with myself. One of our neighbors, out of twenty-five lambs, lost nineteen; another lost twelve out of thirty-two; another (although it is not very re-assuring to quote his example, as he is not noted for provident and thrifty habits) lost every lamb out of a flock of thirty-five or forty. I hear that the most widely known shepherd of southeastern Ohio has lost something like 15 per cent. Our acknowledged and most successful flockmasters in the west side of this (Washington county) are reported to have lost from 10 to 30 per cent. One young and inexperienced man, though a generous feeder, who wintered his ewes on hay and corn alone, and kept them in high condition, having only thirty or forty, lost over one-third of them-some after they were a week or ten days old, from constipation. He dissected a few and found in the bowels a long, hard roll of condensed milk, like a string of maccaroni.

The weather was severe beyond any Stone's stable at that place, says that he of them but all other defects of body and limb, external and internal.

Mr. Euren, the editor of the Norfolk Red hat Jim Murphy is a good one, also that his horses are all doing well, and that Jim Murphy is a good one, also that fer from a breeder in the United States who has been using a Norfolk polled ball, and wilkes the stock so much that he intends the track four stables—F. D. own should lose half our lambs—if, indown at the track four stables—F. D. States to get stock like the Devons, but will be suspensed to the production of high first time on the 18th of March. He says during about the sheep house class wools. The flockmasters of this state will make a first class record for the wools, as they have spared neither wools, as they have spared neithed by any person. Every elip of wool in the track four stables—F. D. how at the track four stables—F. D. stone's Jennings and Hall, Mr. Pratt, of importing some Norfolk polled cattle. His out horns.

Stone's stable at that place, says that he first lime on the 18th of March. He says during about the sheep house class wools. The flockmasters of this state will make a first class record for the wind howling around the corners with long, flendish swooping yells all through for the foundation and improvement of their wools, as they have spared neithed will be used to the production of high first time on the 18th of March. He says during the night, and listened to the first laws class record for when hat a listened to the first laws class record for the will have a first class record for the wools, as they have spared neither during the night, and listened to the first laws moving about the sheep house class wools. The flockmasters of this state will have a first class record for the Norfolk polled to the production and improvement of the first well as that place

more than half our flock were threefirst lambs, and their supply of milk was scanty. They had been wintered The Pig Pasture.

We always have the best success with reeding sows when they are allowed two hundred eyes at noon at night all.

On the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning, a bushel of shelled corn to the following regimen: fodder in the morning fodder in the morning fodder in the following regimen: fodder in the morning fodder in the morning fodder in the morning fodder in the following regimen: fodder in the morning fodder in the morning fodder in the morning fodder in the following regimen: fodder in the morning fodder in the morning fodder in the morning fodder in the following regimen: fodder in the morning fodder in the morning fodder in the morning fodder in the morning fodder in the following regimen: fodder in the morning fodder in the morning fodder in the following regimen: fodder in the morning fodder in the morning fodder in the following regimen: fodder in the

mous prices. Is it legitimate for farmers to raise horses that will supply this demand? Certainly no intelligent man will say it is not. Then, is it not eminently proper that an agricultural fair should afford such farmers a chance to direct their breeding into this channel an opportunity to show what they have shown in any other way so thoroughly as by well-conducted trials of speed in comparison with other horses?—National Live Stock Journal, Chicago.

The latest statistics show that the porcine population of the world, not counting ground-hogs, as the enumerations were not made on the 2d of February, amounted to 81.691.331. of which 34.034. their hay boxes. The oats accumulated price to all, regardless of the condition of the plement a short pasture in the late sum- along the center of the box, forming an wool. A wool buyer meets A., B., C. and D. mer. There should also be another patch excellent double feeding trough for tur- in town on some public occasion, and quespigs may be turned for fall feeding. With the three auxiliaries of pasture, day or two to scoop out in hearty fashsweet corn stalks, and a root patch, the cost of rearing and feeding pigs may be reduced to less than one-half of their expense when they are confined and fed in pens, to say nothing about their better.

day or two to scoop out in hearty fashion. For the first few days we were days we were over-run with cossets, but the above on the part of the one who has the bad conditioned article, for that comes sometimes from causes he may not know of and besides

sr. Louis, Mo., May 18, 1881.

FLOUIS—Sales: 130 bbls at \$3 20, 20 at \$4 45; 90 at \$4 57 part del. 370 at \$5; 60 at \$5 10; 50 at \$4 57 part del. 370 at \$5; 60 at \$5 10; or the part of the one who has the bad conditioned article, for that comes sometimes of work, and brought the ewes to their pense when they are confined and fed in pens, to say nothing about their better of work, and brought the ewes to their condition for food.—F. D. Curtis, in Rumik. Still I found that more than one-milk. half of the young ewes disowned their then fixes uniform prices to offer for the lambs, and continued to do so until we were able to get them out on a little early orchard grass and a patch of rye. Poor and scanty as these were under the fixes uniform prices to offer for the whole, doing a manifest injustice to the holder of the best quality, because from experience he has learned to expect a certain percentage of bad fleeces and bids with this in side at 58c, 2 cars at country point at 56c, 1 car centage of bad fleeces and bids with this in centage of ba the bitter cold winds, which continued best get too little, while the others get more to blow for the first two weeks in April,

hey started the milk.

We shall not finish lambing until perhaps, in a better price than he is entitled they started the milk. May 5th, and I cannot report what our to, while the holder of the better quality is fleeced. One may say, that according to this, only the holder of the better wool should pool, fall far below our mark of last season. Then, out of about 140 lambs, we lost is by offering larger lots of all grades to comonly five. All that I have ever written in favor of lambing on grass with Mexico ever the lambing on grass with especially if the other system is broken up. amount of fat, and in the shortest time." In pursuing this idea people have "gone the whole hog," and coming events seem likely to compel a limit to this one idea, and make us look a little to first principles.

A blacksmith's arm is his best developnot with young Merino ewes. Unless a ting, and that farmers should not speculate man has an altogether phenomenal dein their products. The result of posling in velopment of practice, it is positively this State last year perhaps gave rise to the thought. The very high prices which were ruinous to his character and morals to offered just before and about shearing time complete unless we fatten the alderman when have from eight to twelve ewes shut tempted many to sell, while the poolers, not her lamb, and to be obliged to go the It is idle to argue that the one could have rounds of them three times a day and been more wise than the many, and it is folly fat than the present hog—had more vitality once late in the evening, peddling out to say that the same state of case will happen—had fewer diseases, but oh! fatal objection, feed to each, with water thereto added. every year. Pooling, when properly underfeed to each, with water thereto added; every year. Pooling, when properly under stood and carried out, will give more satisfied to each, with water thereto added; catching, holding, whipping the dams faction, year by year, than any way of selling (I did not intend to swear in this article), and teaching pig-headed lambs the art of grasping, holding and properly drawing from the bog.

I tried this year the plan of removing the ewes and lambs to a separate building as fast as they were yeaned, and liked it well. It enables a flockmaster to give a better ration to those that

is far more difficult to bring a recusant ewe to a sense of duty on dry feed than when she is on grass. I contended with some of them strenuously for eight or ten days before they would yield and own their lambs. but one case defied all my efforts. In despair I took her into the door-yard and fied her to the fence, Some Notes on Lambing.

This year I was over-persuaded by the senior members and others to try the door-yard and tied the reference, where she could crop the grass, and abandoned her and the lamb to their fate. To my surprise, in lesss than twenty-four hours she had acknowledged her progeny, and was treating the case demanded. A good feed of grass seems to loosen their heart strings, could account for such conduct no ther way. R. M. Bell. other way.

A Fine Showing From Mississippi. Our esteemed friend, Dr. G. W. Smith,

facts from his flock.

Out of eighty-one ewes he has eighty- of sales. nine living lambs. Lost four from abandonment and starvation, three from violence, three from freezing beimmediately pay the freight and hire teamfore they were dry, four or five were sters to haul the wool to the wool house, for still-born, twenty-one ewes had seventyfour lambs. He says twins are a nui-sance. The average fleece of his com-omparison. Should there be a difference, mon sheep was less than three pounds. of the half blood Merinos, a small fracof the half blood Merinos, a small frac-tion less than seven pounds. Of his an export, the number of pounds in each purest Merinos, thirteen pounds. Best grade reported to the office, sacks weighed half breed Merino elecce ten pounds, and deducted. If the wool is to be held for future markets, it is stored in wool lofts, in Best Merino ewe sixteen pounds. He sends us four samples of what he calls sold, accounts are rendered either half-bred Merino wool. One is five agent or to the individual, as directed in the inches long and classes very high. We invoice, and the advances, if any have been would never suppose it came from a made, with interest at six per cent per annum would never suppose it came from a half-blood ewe, as it is very excellent. charges, and the balance forwarded at once The other samples are shorter, but finer. to the owner or agent. Wool is usually sold Two of them class as XX clothing to manufacturers on time, but Fenno & Manwool. All are strong as cords, soft elastic, crimpy, lustrous wool that are a credit to any flockmaster in any coun-The weather was severe beyond any try. The climate of Mississippi seems precedent within my recollection. As exactly suited to the production of high

Great Popularity!

And the largely increasing demand for same, have induced us to manufacture immense lines of

Boys' Suits, Children's Suits and CHILDRENS' KILTS,

For this season's trade. We have aimed to make these goods superior in style, shape, durability and make-up, to any similar goods made by the best Clothiers in America, and we believe we are selling them 25 per cent. lower than retailers who have to buy their clothing and pay the manufacturers' profit.

Send for Our Book of Spring Fashions. Send measure by our directions and we can give perfect fit.

THE GOLDEN EAGLE,

S. W. cor. Fifth and Pine Sts., St. Louis, Mo. Manufacturers and retailers of clothing for cash at wholesale

YOUNG, Manager.

er is not harmed as he has bought at a safe

perhaps than their wool is worth.

How to Sell Wool.

THE PLAN IN MICHIGAN. Agents must be selected in each county, or shipping point, to whom sacks will be sent free, except freight charges. These sacks will hold from 280 to 310 pounds each, according to the clip of wool. The sacks will be distriduted to individuals, who either sack their shipping day will be appointed, the same as for hogs or cattle or any other product, and the agent shall weigh each lot and mark the number, weight, the owner's initials on the sacks, and record the same in a book. or three lots are in one sack, a sheet of wrapping paper is placed between them, and the lots marked on the outside with number, weight and initials, as with an individual sack. The agents will make out an invoice from his book, with a number to cor-respond with numbers on sacks, and forward by mail, with bill of lading attached. If accounts of sales are to be rendered to the agent, or to the individuals, he should so state in the

Fenno & Manning will make liberal advances on bills of lading, charging for the use of money interest at the rate of six per cent per annum. The time spent by the agent must be paid for by parties sending the wool, at so much per pound, or in such other manner as Our esteemed friend, Dr. G. W. Smith, the parties may agree. The commission for Canton, Mississippi, favors us with selling will be two cents per pound, which will cover storage, insurance, and guarante

THE PLAN FOR BOSTON

When wool reaches Boston, notification is which a charge of ten cents a sack is made, and charged to the consignor. Each sack is shortage is charged to the owner or excess credited, and notification made. If the wool the sack and ungraded. When the wool is ning will forward the money as soon as the sale is made, and assume the obligation The "plan," as far as arranged, is respect-

fully submitted by the committee, and they hope to see hundreds of thousands of pounds forwarded through this channel. The com-

agent from among you—one whom you can trust to do this business—and reap the just reward for your labor?-Michigan Grange



St. Louis, Mo., May 18, 1881.

OAEAT-Grades: No. 2 red sold rather

lightly (on export alone) mainly at ½ advance; 1 car reg. and 2 short storage at \$1 10 1 st. fr. at 1 10½, 20 reg. to st. fr. at \$1 10¼ Millers paid 1c higher for No 3 red—1 car reg. sold earl, at \$1 041/2-but for Ad. \$1, 33% was the nominal value at close; No 4 sold ¼c better—2 cars in Ad. at \$1; No 2 Mediterranean steady—3 care sold at \$1 09½ the No 3 was offered at \$1 04, with bids of \$1 02½ reg. No 3 in el. at \$1 05; prime at \$1 10; choice at \$1 11½.

OATS—Samples in light supply; dull but

unchanged in price. Grades sold ½c better on No 2 and ½c on rejected. No 2 white bid higher. Sales Grades No 2 at 37c; mixed at 38c; choice mixed at 411/2; white and prime mixed 41c.

BYE-No grades offered-bids of \$1 12 for No 2 and \$1 for rejected; prime at \$1 15.

BARLEY—Neglected.
BUTTER—We quote: Creamery at 22@23c, fancy 24c. Dairy—Fancy 20c, choice 17@19c. Light colored, streaked, etc., 9@10c.

CHEESE—Full cream 12@13c, part skims 8 9c, hard skims 3@5c. Eggs—Strictly fresh at 7½c, and goose

ggs 14c. POULTRY—We quote: Chickens—Hens \$3 50, mixed \$3 00@3 25. Cocks \$2 80. Ducks \$1 50@2. Turkeys at \$9@12.

GAME—Snipe \$1 50. Duck: Mallard \$2 50, teal \$2, wild pigeons 75c.

HONEY—Strained dull at 9@10c.

Sorghum—Prime at 30@33c.

SALT-Domestic at \$1 10@1 15, and G. A.

at \$1 25 per sack.
Potatoes—Old: Early rose 30@40c, peerless 70@75c, burbank 85@87½, peachblow 50@70c. New at \$7@8 per bbl for choice. Onions-Old entirely nominal. New \$6 50 per bbl for New Orleans, \$2@2 25 per bebox for Bermuda.

CABBAGE-At \$4@4 50 per crate for

Green Peas-Choice at \$1@1 25 per bu. Cucumbers—Selling at 75c per dozen.
Turnips and Parsnips—\$2.75 per bbl for arnips, and \$2 for parsnips.

SQUASH—Dull at 40@50c \$\text{\text{\$\pi}}\ doz.

WHITE BEANS-Sound clean country \$1 25 @2 25; eastern—in demand—medium \$2 55 @2 70, navy \$2 75.

STRAWBERRIES-Receipts nearly all from Arkansas—Wilson \$3@3 50 for choice, scarlet at \$1@150, monarch \$3 50@4 50, prolifie and Downing \$2 50@3 25; Tennessee Wilson at \$3@3 75, southern Illinois Wilson \$5, and Columbus, Ky., at \$4; Missouri Wilson \$5@5 50, green monarch \$4 50.

APPLES—Very little doing; few choice job-

oing at \$3 50@4. Oranges—Messina \$5 00@5 50, Imperial

\$5 50@6 per box. Lemons—Messina \$3 50@3 75, unpacked

Palermo \$3 25 \$\text{ box,} \\
Bananas Sell on orders at \$2 @ 3 50 per bunch. COCOANUTS-\$2 50@3 per 100,

Hides—We quote: Dry flint 161/20, damaged 131/2c, dry salt 121/2c, damaged 101/2c, bull and stag 101ce. Feathers—Prime L. G. 59c, mixed 15 to

45c.
SHEEP PELTS—Green—Large \$1@1 25.
Dry—Large 40c to \$1, shearlings 10@25c.
DEER SKINS—Steady. Dry 41@42c, damp and meaty at 30@35c.
FURS—We quote: Raccoon—No. 1 50c;
No. 2 35c; No. 3 20c; No. 4 10c. Mink—No. 1

40c; No. 2 25c; No. 3 10c; No. 4 5c. Skunk -black 50c for open and 60c for cased; short stripe 40c; narrow stripe 35c; white 10c;

civet 5@10c. Wild cat 15@20c; Fox—gray 50c@60c; red 75c; otter 50c to \$7; beaver 50c to \$2 per lb; bear \$2@\$7; badger 20@50c. Opossum—8@12c; muskrat 5@ 12½c; wolf—large No. 1 at \$2; small 50@ 60e; house cat 5@10e; Southern catch 15@ 25 per cent less than above.
Wool—Unwashed medium 21½@22½c, tub washed 34@36c.

CATTLE—We quote: Export steers \$5 75@

CATTLE—We quote: Export steers \$5 70@ 6 15, good to heavy steers \$5 40@5 65, medium to fair steers \$5 00@5 35, fair to good Colorado steers \$4 60@5 40, fair to good stockers \$3 75@4 25, fair to good feeders (1000 to 1100 lbs) 4 90@5 25, native cows (common to choice) \$4 00@4 25, common to choice native oxen \$3 50@4 25, good to choice same feed Toward steers \$4 50@5 15 choice corn-fed Texas steers \$4 50@5 15, medium to fair corn-fed Texas steers \$4 00@ 4 40, inferior to common mixed \$3 85@8 75 milch cows with calves \$20 00@45 00, veal calves \$4 00@8 00.

calves \$4 00@8 00.

Hoos—We quote: Light shipping \$4 75 @5 25, Yorkers \$5 55@5 65, coarse to good heavy packing \$5 50@5 80, good to choice heavy \$5 90@6 10.

SHEEF-Common to fair clipped \$2 75@ 3 25, fair to good clipped \$3 25@4, good to choice clipped \$4@4 50, stock sheep \$2@2 50. Wooled sheep not wanted.

Che Come Gircle.

MY FIRST POEM.

BY MRS. NELLIE M'VEY.

found it to-day, in the back of a book The paper was yellow and worn, The writing, the scrawl of a childish hand A leaf from Life's history torn.

Forgotten for years, it was lost in the past;
Yet strangely I started, I own. se as a ghost of a day that is dead.

It fluttered away from my nerve-sha

And feather-like fell at my feet; While up rose an army of long buried dream And mem ries the leaflet to greet. How well I remember! A cloud had o'ercas ne nook where the sunshine had pre Some idol had fallen-some want been de

Some grief had my spirit distressed.

Some sweet hope had perished—some idea Some trust had been rudely betrayed: Ah, childhood is tender, and grief was

My life had but turned a decade. O, grieved little heart! early longing for

And shrinking away from the strife ! At the first sound of battle, with armour all

bright, To fly from the warfare of life!

I closed up the book with a sigh, not a smile And turned to another, wherein, With a flattering note from the editor's Was another-m. very last sin. In the smooth written verse, well worded

with care,
And a genuine jingle of rhyme, I found but the same weary, cowardly cry.

It was only a difference in time.

Twice twelve and a trifle—the slow dragging

years, Give scarce better visions of life; Forgetting to smile, I take up my cross, And earnestly enter the strife, No shrinking from shadows-no cowardly

fear. No cry from the burdened pain; But only the struggle to reach the beyond God's smile of approval to gain.

In the great Bye and Bye-in life's "after

The glittering gates shall unfold, Our armor, all battered, be taken away. The fullness of sorrow be told. No longer the struggle-no longer the strife

No longer by burdens oppressed; The valley of peace stretches broadly before And there is the "Blessing of Rest., SEDALIA, Mo., 1881.

Another German Housewife. The inquiry of G. H., regarding the cheapest and most nutritious food for articles in these columns that it seems almost superfluous to say anything further on the subject. However, as this is a matter of great interest to every housewife, I cannot resist the temptation to offer my opinion about it. It is not my intention to compete with the more able writers of the Home Circle in publishing a well written article in an elegant style. I simply wish to give

The food for a person must, of course, his hands, or a farmer, who spends learning. most of his time out-doors, can bear a comparatively heavy food; the diet of the civil than the divine law?" We worty accounts, "was born of poor but the older members refers with ungrawith his brains, and has not much physical exercise, must be light, nutrias the civil law is based upon and has is original), somewhere between eight my ideas in common with one or two nate the aged, obliterate all sorrows and tious, and easy to digest. But, as the its origin in the divine law. All civil hundred and twelve hundred years be others, are exceedingly crude. Howevinquiry is put in an agricultural jour- law is based upon the divine law, Which fore Christ. As regards his boyhood, ac- er, let us have hope. Have we not Pau- petual spring. As I touched a cupful of nal, we suppose that G. H. has the daily exerts the greatest influence on the descounts differ. Tradition has some pretfood for a farmer's family in view.

As cheapness is one of the conditions, the farmer must choose mainly such articles as he grows at home, and law is derived from the divine. which he cannot always sell to adfor the meals of every day in the week, seems almost impossible, considering that it depends a great deal on the season of the year, locality and other circumstances, which are different in every ous articles at her disposal, and prepare good and healthy dishes for the given, which, I suppose, will be practicable on most farms:

For breakfast: Light bread or corn bread, butter, home-made cheese, syrup, eggs, coffee or milk. For change, beef-steak, sliced ham (boiled or fried), dried

beef, etc., may be used.
Dinner: Beef soup, boiled beef, with either mustard, catsup, radish, pickles, etc., vegetables, potatoes (Irish or sweet),

white, graham or rye flour, not warm, is healthier than hot buscuits. Coffee or tea (if the latter is not adulterated) are not unhealthy for adults, and seem to be indispensable with most persons. For children, milk is decidedly prefera-ble—in summer cold, and in winter

Extensive use should be made of fruit and vegetables, especially in summer. Among the latter, asparagus ranks first; pinach, green peas, beans, tomatoes, cabbage and many others are all good and wholesome. In the winter a supply of preserved and dried fruits and vegetables should be kept. As fresh meat is not always available on a farm it may be remarked that with plenty it may be remarked that with plenty May 7th, 1881.

of eggs, milk, butter and cheese and cheese a family can well do without classes, min, butter and cheese and classes a family can well do without it for some time, and far better than by eating bacon three times a day, during the hot season.

This is not the place to give recipes, but I would say in conclusion, that a great deal depends on the way the food is prepared. A dish, healthy and nutritious, if properly prepared, can be made entirely indigestible by improper treat-A. Z.

A Letter from Little Mite.

excuse for my long absence.

enjoy your visits so much.

Don Juan, you are a valuable acquisition: but I am sorry you don't like

of Daisy, you have her permission to do would be glad to hear from these great-

it by saying "Garlie."

Orphan Boy, poor lonely one! If indeed you are an orphan, you have my Miss Ted, I hope Bon Ami may sucsympathy. My mother died when I ceed in his gentle efforts to reform me. was a little girl, and all my life I have been looking for a mother; but I know supposed. If I were I should feel inthat void will never be filled in this clined to talk to Vamme. Thank you, world. Still I have been blessed with for complimenting the piece on the friends, and am of a happy, cheerful dis- dance. position, so I try to think it is for the

others. I have recently read "Bleak tell us can you, Lloyd? Home" by Charles Dickens, and "Alworth Abby" by Mrs. Southworth.

Vamme, I don't like widowers either; but I think bachelors are splendid.

Come, girls, don't quarrel with Timothy, that refusal was enough to make him cross. I speak from experience leap year has just past. Where is Aunt Annie? We would like to see her pleasant letters again. What has become of Myrtle? I wonder if she is as pretty as her name. I imagine she is quite small, with fair complexion, large, brown eys, brown hair, oval face, and a

happy smile. My "chum "chum' (the one Nina is like men has called forth so many different spent last winter in Philadelphia. She is delighted with the east, but she says she could never devote her whole life to society, as some do.

Daisy Dell, if you and Mr. Lackland should decide to enter the "holy state of matrimony," let us know in time to end in our congratulations.

Cape Giradeau, Mo. LITTLE MITE. Letter from Daisy Dell.

In the issue of April 7th, Lloyd Guyot says, "Let us have a new subject for discussion." Something like this, "Is a man influenced more by the civil than the same of the prarie bottoms hear clarks will e on both sides of the river have suffered much this season from high water. Numbers of them have been flooded out. The Home Circle is In the issue of April 7th, Lloyd Guymy ideas as the result of long experidiscussion." Something like this, "Is a high ence. Having been educated in Ger- man influenced more by the civil than many, my knowledge of the English the divine law?" I think the suggeslanguage is limited; I trust therefore tion a very good one. A discussion of the readers will kindly excuse my awk- that, or some similar question, would

vantage. To give a rule or bill of fare ing his—the ten commandments—from historian represents him as climbing at pher Columbus and numerous other of God. One of these laws-or command- that age the tallest sycamore in the Mark Twain's heroes, and was making ments—says, "Remember the Sabbath neighborhood. When Homer was six ready to inquire in the language of the day to keep it holy." In every civilized years old, he wrote his first "poetic ef-sublime Ferguson: "Is - is he dead?" community, one day in the week is kept fusion." The poem was on the subject Peace-the unhappy man still lives. I or observed as the Sabbath, and laws of love, of course. Homer's reputation would kindly suggest to him that it is river and its tributaries, were ships and household. A sensible housewife can are passed prohibiting manual labor, chiefly rests upon this production. I extremely bad taste and yet worse aralways make the best use of the varibath.

Another commandment says, "Thou table. In the following a general rule is shalt not kill." All civilized countries their authority from this commandment.

Yet another says, "Thou shalt not steal." The crimes of petty larceny and nized as the best production that had theft are punished by the civil laws of been written in the memory of the oldall countries.

Divine authority to govern man in his advised not to write any more poetry by either mustard, catsup, radish, pickles, egetables, potatoes (Irish or sweet). Crude state. These were measurably the family physician. Acting on this bread and butter. In place of soup and superseded by the Messiah. The nearer soup-meat, roast beef, mutton, chicken or fish may be given two or three times teachings of this great master, the near-road and such are such as a week. Germans prepare various dishes of flour or farina, eggs, milk and butter, some of which are heavy and hard to digest, while others are light and palatable, and offer a welcome change on the table.

Either it has been given too much milk gymnastics. He had made such progress that on his twentieth birthday, all the Hellenes had assembled to witness his wonderful performences. He had entertained them for more than one into only a small quantity at a time. anatable, and oner a welcome change ed by the civil law, have no influence on the table.

Supper: Bread, butter, cooked fruit, nately, a very small portion of the inhour, when he made the "greatest effried potatoes, milk, tea or coffee. Bis-cuits may be allowed now and then, but good, light yeast bread, either from worldly; hence, the civil law is, and will on a bough with his fifth extremity, but worldly; hence, the civil law is, and will
—until the Millenium—be found indespensable. I think it clear that the
conduct of a very large majority of the
conduct of the world is influenced by the conduct of the world.

civil laws. They come in contact with course very day life, and we are made to conform to them. Without them this world could not be controlled, and it world he a constant scene of crime—

If this view that he gave up gymme that he gave up gymme that he gave up gymme that he conduct began to be truly astonishing to his friends. He began to walk on his hind legs. Some believed him to insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws to he insane, but others thought it was his laws the laws that he gave up gymme. that a man is governed more by the civil than the divine law. I await the ar-

Letter from Paulus.

DEAR CIRCLE: A little child has just brought me a bunch of pretty wild

While the flowers emit their grateful odor I will jot down a few hasty remarks to members of the Circle. When I Like Daisy Dell, I think the Home say members of the Circle, I include all stole some of his poetry from the English poets, but as no one has been found Circle is very interesting indeed. I who read this department, whether they often feel tempted to lay everything are contributors or not. There are aside and step in for a nice, social chat, many readers of the Home Circle not aside and step in for a nice, social chat, many readers of the Home Circle not been denounced as a slander upon the but I have a great many things that contributors who are able to furnish English poets. Homer's reputation is require my attention. This is my only entertaining and instructive letters, were they only so minded. To these I xcuse for my long absence.

Were they only so minded. To these I

Let me advise (if one as young as I

am certain every contributor to the

am has a right to advise) the readers of ween, can't you come oftener? We Circle will extend a warm welcome, the RURAL not to read Homer if they There is plenty of room, come and join would admire him; and should any one read the Iliad and Odyssey, and be unour number.

Byron, I believe, originated the poetry. You don't know what you idea that the best poets are those who never utter their thoughts: an assertion Mr. Lackland, give us the description susceptible of proof. But the world est poets, just as the contributors of the Mr. Garland, what a pretty name you RURAL would be glad to hear from its sihave. Some one I know has a sweet- lent readers. Pope said, "Our sensibiliheart named Garland, but she softens ties are so acute, the fear of being silent makes us mute." A truth, perhaps, that keeps back many a talented person.

Camille, I am not a preacher as you

Lloyd Guyot, Did I say I was as goodlooking as Bon Ami? If so, I take it Nina, don't you like Mrs. Southworth's back. No, I have't slept a minute nor works? She is my favorite novelist. I lost a minute sleep on the account of also like Charles Dickens, Mrs. Holmes, the effects of big words. By the way, Mrs. Edwards, Wilkie Collins and many what has become of Ixion? You can't

Don Juan, I beg your pardon if I have hurt your feelings. I wrote a postal to the editor of this paper, requesting him to suppress the personals in the article on the use of words, but, as you know he printed them.

Little Dick, I am glad you think so highly of my writings, but I have a poor opinion of them myself and don't merit the honor of first knight I have been a should feel proud in the making of the honor of first knight I have been a should feel proud in the making of the honor of first knight I have been a should feel proud in the making of the honor of first knight I have been as honor. Po not reject a gentlemen girls man for several years; before that, I was a boy, of course.

Bon Ami, in answer to your question o Ænon if he happened to know Messrs. Middleton, Kissinger & Wells of and near this place, I will say, I know all of the gentlemen alluded to. Mr. Kissinger has one of the best farms I ever His blue grass pasures rival those of the blue grass regions of Kentucky Mr. Middleton is an energetic black

mith. He is meeting with great success in selling the Wood binder.

Mr. Wells (Jas. R.) is a live stock dealer and farmer. He buys most anything in the stock line from a billy goat up, and his neighbors say he has a place

Farmers in the prairie bottoms near full of good things weekly. PAULUS.

Letter from Bon Ami.

DEAR HOME CIRCLE: As I believe no prove interesting as well as instructive. one has ever written anything about I do not feel competent to a full discus- Homer, I will give you a little sketch of be different, according to his occupation. While a laborer who works with thorough discussion requires much that I like to write about subjects which are new.

he is influenced more by the divine law, though enclosed in quotation marks, strangers. I am perfectly aware that tinies of men, the basis or the super- ty little stories about his going fishing discoursing learnedly(?) on the art of templated with rapture, the most gorwill not be questioned that the civil the cook, etc. But Herodotus tells us prieties of language in general. I had was mysteriously transported through he displayed a wonderful versatility of begun to think he was in the predica-Moses was the first law-giver, receiv- genius when only three years old. The ment of the first man Adam Christoof the readers of the RURAL:

"My dearest, darling little girly, With eyes so sweet and hair so curly;
I love my little girl so spunky—
I love her 'cause she is a monkey."

This little poem was at once recogest ape in Hellas. But this effort so These laws were given to Moses by taxed his mental powers that he was on a bough with his fifth extremity, but his inertia was so great that his ex-tremity broke and he was precipitated head-foremost to the ground. This ridiculous accident so humiliated him poetic genius that had elevated him. There were still others who believed he had degenerated into a man, and they expressed their fears that the whole race would finally reach the same state. Dinah? Ever since reading Adam
They longed for the "Hereic Age" of Hellas.

I lages disappeared from view, then I saw and he never tried it again. How much for saint I shall never forget.

As far as the eyes could reach, farms and occurrence or pharisaical to and plantations, their owners and occurrence or pharisaical to and plantations, their owners and occurrence or pharisaical to a sight I shall never forget.

As far as the eyes could reach, farms and plantations, their owners and occurrence or pharisaical to a sight I shall never forget.

As far as the eyes could reach, farms and plantations, their owners and occurrence or pharisaical to a sight I shall never forget.

spring poetry, which fully sustained his reputation. This spring poetry was several hundred years afterward colflowers from the "pinnacle" north of lected and almost entirely re-written It is a great pity that profound modern critics are unable to tell what parts of the Iliad and Odyssey were written by the inferior Greek poet. It has been said by some mean fellow that Homer who is willing to claim the authorship of Homer's poetry, the assertion has constantly increasing among those who have never read a line of his writings.

> tacked by those who have never seen Homer's books.
>
> Bon Ami. A Gipsy Countess.

> favorably impressed, let him not dare to say so, for he would certainly be at-

I visited the Home Circle several times awhile ago, but I expect my letters made no impression on your minds. and I suppose I am forgotten. When the paper stopped coming, we neglected subscribing again and so we were quite awhile without our RURAL, but we are taking it again now.

Daisy Dell, I agree with you on the poets. I think our modern poets should not be considered inferior to the ancient poets. I admire Whittier and Tennyson very much. Poe's Raven is a peculiar piece, but I like it. What do you think of Charles Read as a writer? I do not read many novels. Of course I read no trash. Novels may be injurious to some, but not to me.

If the readers of the Home Circle are not too tired of the already worn out question, I think a dance is preferable to a hugging party.

Bon Ami, your remarks on match making were excellent. I would rather marry a gentleman without a shilling than a dandy without any brains, even if he were a millionaire. I do not reshould feel proud in the making of the ants, I was permitted to roam through home. Do not reject a gentleman, girls,

ecause he is poor. Marry a gentleman. Girls, if you can. Gentle and tender, Though no less a man.

If on love's altar. The flame you can fan Marry a gentleman, Girls, if you can.

You will be happy, And you will be glad, Though he only Be commonly clad.

Pleasure is fleeting, And life but a span. Marry a gentleman, Girls, if you can.

Uncle Wesley, your letter in the Ru-RAL of May the 5th was wonderful. Vamme, what a talker you are. Lloyd Guyot, away with the blues

from having them, write to the Home Circle often. Don Juan, never mind their talk; be

courageous and independent.

Medora, Ill. Gypsy Countess.

A Letter from Vindex.

COL. COLMAN: Personal inclination leads me to address the friends of the ver, molded to represent a variety of

Not changing the subject too abruptly, but O. Moffett asks for a remedy to be used on bloated calves. We have were loaded with cattle, horses, sheep, a case or two every year, and we save them by sticking them and letting the gas out. Begin at the left flank and count forward three ribs in the short ribs; between the third and fourth ribs about an inch and a half from the backbone insert a sharp pocket knife with a quick thrust, the gas will escape and afford immediate relief. One of three the patient is likely to bloat again. We find it safe to give only a pint or at the most a quart at a feed. At this rate feed three times a day for awhile.

Miss Ted, I was not aware that I had This ever met you. I would not have you net the Senate and House of Represenbelieve that I could fail to appreciate tatives, which consist of many lawyers, George Eliot. My allusion was flippant and thoughtless. It would be not only facturers, a few merchants and here and there a so-called farmer or planter, shallow in me to attempt anything de and many persons of both sexes seeking rogatory to the merited fame of the favors for certain friends and praisgreat authoress, but also quite foreign to my intention. What soul would not be cheered and elevated by the portrayal of the noble and unique character of
Dinah? Ever since reading Adam
Bede, I have admired the gifted writer.

As far as the eyes could reach, farms
and representations their owners and occumuch from our western girls.—Peck's Sta

her life looked different?

Monsieur Bon Ami, thanks for your encouraging words and a kind welcome to a stranger. Are you really French? Might I presume on so short an acquaintance to ask a favor? If I thought so, I would ask you to please translate Beranger's "Le Prisonnier de Guerre." I came across it in an old Scribner. A Canadian French girl recites three verses of it in a story entitled "Jeannette."

My knowledge of French is only sufficient to enable me to give a very literal translation. I am convinced it is very pretty and pathetic. Iflyou will admit a ranslation in an article to the RURAL I should be much obliged, and am cer-tain it would be interesting to all readers of the department. I presume you might find an English Beranger in the great libraries of the city. Please recollect that I live in a remote and isolated region far from those institutions of civilization.

Anne Thorpe, I have been wanting to express my admiration for the very thorough manner in which you gave its final discharge. No one has had the impudence to mention it since your pungent remarks. This fact is proof of pretty positive directive genius. May the spirit possess you again. Miss Anne, I am afraid that Don Juan will never come again. This won't do at all to be "overthrown horse and dragoons" by adverse criticism. It is to be supposed that he understands pretty well what is expected of him in regard to changing his too suggestive itle, etc. I have enjoyed his articles and hope to hear from him again.
VINDEX.

Upper Fourche, a Renault. Apr. 30.

A DREAM. After a week of toil, I sat on the porico of my dwelling, watching the setting sun, and clouds tinged with crimson, silver and gold; contrasting in my mind the fickleness of fortune, the various occupations of man, and the trials and duties of everyday life. Insensibly my eyes closed and I was led by some supernal power, to the realm of fairies. The dazzling queen and the lessons of experience, and not only ladies of her court, all beautiful as flow-more pride in their noble avocation, but ers, were startled at my appearance and culture. desired to know if I had obtruded through vain curiosity or had I wishes to gratify. As my explanations were favorably received, and as I won the confidence of the queen and her attendmagnificent gardens where the flowers ners. are ever blooming and the roses are without thorns, and where thousands of birds of undescribable colors, ravish the ear with their melody. I was amazed as I entered the Crystal Palace, where atl the wonders of the earth, of the sea and the air were collected, and explained by maidens, radiant in beauty and loveliness. This edifice, with domes and arches in the style of Arabian architecture, was supported by golden pillars, dotted with emeralds, rubies, pearls and diamonds, which sparkled like stars, the beauty of which o pen can portray or mortal describe. Before me, the largeest mirorrs I have ever seen, reflected the forms and faces of friends, whose memory will ever be cherished for their noble qualities of mind and heart. Large silver urns were E. S. in her advice given to Schoolmam, full of the most delicious fruits and "to go onto the farm." It is the place to renectar distilled by Jupiter, from the gain health and rest up, as it were, from the morning dew, descended from the fleccy close confinement of the school room. Lissa,

ly of kindness and love. When at a height of several thousands of miles in the air. I saw the whole continent of North America-like a vast panorama below me. On the Atlantic do not know that there is so much sin in the and Pacific oceans; on the Mississippi act of dancing, but the influence it has, not steamships and steamboats and barges laden with grain and cotton and all kinds of farm produce; the long railroad trains as they crossed the country from think that people who do dance do not, as a west to east and from north to south were loaded with cattle, horses, sheep, hogs and every description of farm and lies. I hope Lissa will not stop writing, but plantation cereals. I saw all the great ities with their thousands enjoying all the comforts and luxuries, which money can purchase, and, then millions who
toil from day to day to earn a little
word. I saw the appendithrifts, westing. heir fortunes, their youth, their soul, in tice that Observing Johnnie is solid on the extravagance and shame; and heard the beggars' petition for "sweet pity's sake." I saw the gilded saloons and places that the gilded saloons are gilded saloons and places that the gilded saloons are gilded saloons and places that the gilded saloons are gilded saloons and places that the gilded saloons are gilded saloons are gilded saloons and gilded saloons are gilded saloons are gilded saloons and gilded saloons are gilded saloons ar llure men to revel and ruin; heard the comes in; for I think that there is scarcely voice of the haughty, the wit and the gay, and saw the haunts of the poor, well drink to excess in the course of times weary and disheartened huddled in unhealthy tenements, like sheep in filthy a discretionary use of intoxicants, it is almost pens. I saw the business establishimpossible. I think that the safest way is ments and all the manufactories in every city, their owners and hired aspent, and stingeth like an adder." istants exhibiting for sale merchandise of every quality, and costly goods from the most distant climes. I heard the bankers, the brokers, speculators, money lenders and railroad managers plan prosperity, and with kind regards for the bankers, the oroxets, spectations are the great city to enrich themselves to the detriment friends of the Home Circle, I sign myself.

Peters. of the people; and I saw the great city of Washington, the President and Cabi-

those mystic fountains would rejuve-

Homer now began to write a lot of add I could wish one or two episodes of pants with their horses, mules and implements were all busy preparing to sow and to reap. Then the fruits of hard labor were marketed, and I saw the gleeful faces of the railroad managers, money lenders, speculators and others, as they counted their large profits, and I saw the tillers of the soil return home, I saw the tillers of the son return none, and their wives and children who had helped with willing hands and loveful smiles, to make the harvest were low-pririted and despondent. But the farmers and planters held a conclave and determined to resist imposition and to be fleered no more. Exchanges of flour, corn and meat were made for sugar and cotton by the agriculturists of the north and south, the home-made loom and spindle, supplied them with raiments, the strictest rules of economy were observed and only what was actually required to support their family was cultivated. Not an ear of corn or an animal of any description was offer-

ed for sale. Again the large cities, towns and villages appeared to view. The bankers, speculators, money lenders, merchants and manufacturers were ruined. shrill voice of the locomotive was silent, the steamboat, ships, steamships and barges were moored to their landing-a prey to worms and valueless to their owners. The streets were full of idle owners. The streets were introving men—all hungry and eager to work but no work was to be had. Ruin, ruin and starvation stared the rich of yesterday and the poor of every day alike. All were poor, all were beggars. Chilled by the night air, I awoke suddenly, and I

am glad it was only a dream.

The agricultural is the most important and the greatest of all interests, because it is the pivot upon which commerce and all other industries revolves it is the prost angient and most arealy and most angient and most angient and most angient. volve; it is the most ancient and most honorable of occupations, in which illustrious kings, philosophers and statesmen have found pleasure and profit. As the husbandmen, as a class, outnumber all other trades and professions, and as they pay more taxes to support the government than all other classes combined, they should insist upon representatives who will protect them against monopolies and other agencies that rob them of millions annually. They should profit from the should endeavor to improve in mental Their children should be taught useful, practical knowledge tha will fit them for any position of trust or

honor, to which they may be called.

It is not because tillers of the soil ap pear less fastidious in home-spun and plain colico garments, that they should neglect to improve their mind and man These qualifications, early at tained, give that self-confidence grace and air of refinement which char-

acterize their city cousins.

Labor, none can live and prosper without it. But farmers should not be simple "hewers of wood and drawers of water;" they should consider the teachngs of nature and her laws. thoughts will be elevated to their Creator; they will be better men, and prepared to redress their untold griev ances, to thrust aside the political trades and monopolies, elevated to office and made rich by the voice of the farmers.

FIFTY-SEVEN.

April, 1881.

A Letter from Peter.

I have been a constant reader of your valuable paper for some time past, and have been much interested in the many articles contained therein from week to week.

Dear Home Circle-I agree with Mrs. W. clouds into little white marble foun- let me shake hands with you. Also you. Don tains, near which were cups of pure sil- Juan, on the subject of dancing. v-two facts that Lissa submitted to Bor Ami, I consider every one of them true. Don a professional man, or one who works would suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of whispered that a drink from one of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents" (this expression, clous disfavor to the admission of very suppose at the first glance, that respectable parents are the first glance, the first glance, the first glance glanc years ago as Don did—for I am not of age yet; but three or four years ago I saw the error of my way, and I stopped. disappointments, and make life a perwe would spend our money for christianity, or if we do not feel like doing that, buy so good books and read them, it would be of a this wonderful elixir to my lips and congreat deal more benefit to us. I am positive that if we would give our money (what we structure of the system of society? It on Sunday, flogging the teacher, kissing composition, use of big words, and progeous spectacle eyes have ever seen, I can spare) for the advancement of Christ's cause in the world, or in other words, put our money in the Bank of Christ, that he will clouds, by unseen beings who spoke on-

pay us a liberal interest on our money. Our friend from Egypt, Ill nois, signing himself "An Observer," holds up the dan cing-room as exerting the most pleasant and refining influence socially and morally, that our young people are permitted to enjoy. only upon the minds of those who do dance, but it exercises so great an influence in draw ing others into the same society; and I think that we are responsible for the influence we

come again. I agree with you, Uucle John, on "Sab I saw the spendthrifts wasting first day of the week as our Sabbath. I noimpossible. I think that the safest way is

pent, and stingeth like an adder.' I hope all of the contributors to the Home heard the they are written in the best spirit with malio

-The Baitimore postmaster has tried on a charge of attempting to kiss a girl in his employ, and has had to pay \$5,000. How different it is out west here. a man once, years ago, who wanted to kiss a girl in his employ. He approached her and thinking perhaps it would be better to conmence gradually, he put his arm around her waist. She looked up at him, laid down her ing the merits of some peculiar scheme, but no faithful representative of agriculture was to be found there. As if by magic, all the cities and towns and vilby the side of his head, and that settled in the strength left.

In the Clouds.

BY CARRIE VINORA SHAW. In a downward arch of the clouds. That was rocked on the billowy air, A silver white star lay alone Like an innocent little one there.

Like a glorious soul that is free, It lay in its beauty of white, Asleep in its cradle of clouds That was rocked on the bosom of night.

Like a snowy-robed infant asleep, Or a soul of some glorious dead, In state lay the glimmering star, All alone on its cradle-like bed.

Thin curtains of misty light blue, Trimmed in white, filmy cloud lace, Were drawn from the cradle aside, ere drawn from the cradic aside, Where a zephyr just held them in **place.**

There, slow, as the picture dissolved, A white arm reached out in the blue, And a beautiful fancy was mine, As my eyes grew dim with the dew. I thought, when our Father shall find

I thought, when our rather shall find Us, silent in death's chilly sleep, With strange, smiling eyes looking up To where the white clouds sway and weep He will look on our folly and sin-Tired children, who will not awake,

And pardon with pitying tears, For our innocent babyhood's sake. And with souls grown spotless as then With laces of mists for our shrouds, He will take up his poor, weary babes, And rock us to sleep in the clouds.

WOMEN.

but little to do with reason—probably demands for "next book." because it ought to have so much to do "Why don't you do it?" because it ought to have so much to do with it—being determined, for the most part, by instinct, impulse, passion. As a rule, doubtless, a man will marry any woman with whom he is habitually drawing her out. But the young lady

"Why don't you do it?"

He started as though the girl had been reading his thoughts.

"Do what?" he inquired, by way of drawing her out. But the young lady

Many manufacturers of reaping manufacturers of reaping manufacturers of reaping manufacturers. thrown in contact, when there is no replied not a word. To gain time he great disparity of years or circum- again said: stances between them, and when she knows how to humor his egotism.

The old fashioned notion that men maiden, with an encouraging smile. look with a totally different eye on a "I see it is of no use to hide look with a totally different eye on a woman when they want a wife from that with which they look on women generally, cannot be sustained. Albeit there are men ever in quest of a connubial partner, the mass of them get mind. I will, therefore follow your adenute a partner without searching for vice and embrace the present expects. nubial partner, the mass of them get mind. I will, therefore, follow your adsuch a partner without searching for her. They are very apt to be surprised into matrimony, or, at least into matrimonial intents—provided, of course, that the matter be not taken out of their hands by the woman herself. No man is so likely to become engaged as he who is persuaded that he will never be. He is so prepared on one side for said.

I will, therefore, follow your adsuched in the present opportunity of asking you whether you are willing to accept me as your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your adsuched in the present opportunity of asking you whether you are willing to accept me as your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your adsuched in the present opportunity of asking you whether you are willing to accept me as your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your adsuched in the present opportunity of asking you whether you are willing to accept me as your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your adsuched in the present opportunity of asking your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your partner for life. Your answer, I am confident from these remarks, will be affirmative."

It was the your partner for life. Your answer, I am confident from these remarks, will be affirmative."

ject. These are drawn, it is asserted, to industrious, demure, unwordly maidens, who show at a glance that they are matrimonially foreordained. As a theory, this may be specious, but facts do not bear it out—the contrary, rather. Men prone to co-operative housekeeping approve of the industrious, demure, der why some other man does not marwomen themselves.

never will be, and yet invariably get at all times: but, on bright, sunny days, married. The former are usually the I open the windows for an hour or so. least 100,000 bushels of corn will go to Eudemure, industrious, unworldly, domestic that there is equally as intermed in the weather will not permit in this way, by the time the Wabash system for railroads permeate all parts of Iowa, at the weather will not permit in the way, by the time the Wabash system for railroads permeate all parts of Iowa, at the weather will not permit in the way by the time the Wabash system for railroads permeate all parts of Iowa, at the weather will not permit in the way by the time the Wabash system for railroads permeate all parts of Iowa, at the weather will not permit in the way by the time the Wabash system for railroads permeate all parts of Iowa, at the weather will not permit in the way by the time the Wabash system for railroads permeate all parts of Iowa, at the weather will not permit in the wash system for railroads permeate all parts of Iowa, at the weather will not permit in the wash system for railroads permeate all parts of Iowa, at the weather will not permit in the wash system for railroads permeate all parts of Iowa, at the weather will not permit in the wash system for railroads permeate all parts of Iowa, at the weather will not permit in the wash system. tic; the later are the easy, careless seems after airing. I have kept my merry, imprudent, frolicsome, saucy milk in cellars, in room in the house, merry, imprudent, frolicsome, saucy girls, of whom men become enamored for no reason at all, and in spite of altogether where milk is kept, but how, themselves. When a man falls in love that good butter can be made from it. An Organ with Twenty Stops for \$65 is offered by those famous Organ builders that good butter can be made from it. Our cows are salted daily in summer, himself of marriage, and is often extricated thereby without intending it. He is no more logical in matrimony than in celibacy; the same thing that makes him a lover turns him into a husband, and he is thrice blessed if he does not discover a sharp and sudden difference the two. It is passion, not house, and, a year ago last summer, we

and love another kind. The one kind The pure running water rushes through and love another kind. The one kind they are commonly recommended to wed, and don't; the other kind they are advised not to wed, and do. Which is the better—to take a wife because you like her, or to take a wife because you love her? Hymen alone knows, and he won't tell. If you do sither or weither the butter has not come as easily this litter has not come as easily this. love her? Hymen alone knows, and he won't tell. If you do either or neither, you may repent. There is no absolute safety in wedlock or out of it. No man's experience is good for another man, and our own experience in these affairs is rarely valuable; for every time man falls in love the accident varies, though the effect is unaltered. No man can say what sort of a woman will be his wife; and if he be wise he won't express any opinion on the subject. He press any opinion on the subject. He churn until done, using a knife to scrape the butter off the lid, dasher and churn, using not a drop of water to many beliefs thereupon, but the more

joined to a dowdy.

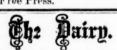
Marriage goes, to a certain exent, by contrasts, if not by contraries. Less even than a man does a woman get the husband she paints to her fancy. Her connubial ideas are commenly regulated by her age and experience. The man she desires at sixteen or seventeen would be a burden at twenty; and her ideal at twenty might prove a hore at the walls recommended before it reaches ideal at twenty might prove a hore at the walls recommended before it reaches

WOMEN.

THE KIND MEN MARRY, AND THE KIND Sabbath school library catalogue. The prospective minister found the task by

Nova man says a recent writer, is

"Next book?" "No time like the present," said the



Bitter Cream.

Bitter cream in winter is from variunwordly creatures; they think they ous causes: First, I believe, the kind of and nutritious bread. In Germany the milwould make excellent wives, and wonfood; second, lack of salt; third, care of lers are mixing twenty five per cent of corn some other man does not mar-But they seldom marry such hemselves.

Tood, seecond, lack of sait; third, care of milk vessels; fourth, airing of cellar or milk house, and, last, letting the cream it is claimed that it adds greatly to the quali-Why don't they? They could not tell if they should try. They know, however, that they don't, and they don't want to. There seem to be two sorts of girls—those that ought, because specially fit, to be married, and never are married, and never are married, and those that prove should and will be for the westler. It is just as especially fit, to be married, and never are married, and those that prove should and will be for the westler. Will not be creating the creating th between the two. It is passion, not reason, and is called the divine passion, because it is so thoroughly human. Men generally like one kind of women is of stone throughout—floor and sides

of these he has the less likely they are to be confirmed. He, who insists in his bachelor days that his wife shall be a beauty, is apt to find her plain. He, who cannot endure a woman without intellect, surrenders to one never suspected to it. The devotee of order discovers himself mated with the embodinent of confusion. The stickler for elegence sees, when the glamour of courtship has been removed, that he is joined to a dowdy.

Marriage goes, to a certain exent, by

Cleanliness in Milking.

Between the cow and the butter ideal at twenty might prove a bore at the milk room. A very large part of the milk room. A very large part of the poor butter made, results from the milk being spoiled before it is even balls be last. We are all when young holds her last. We are all, when young, strained. One lot of butter examined at full of thoughts and theories about love the fair showed this at once; is was not and marriage, and individual experience is ever contradicting what we have learned. Marriage is as impenetrable ing it, would have said "animal odor." as love. Few of us are prepared for their disclosures. We may love and the cow is healthy and has good food their disclosures. We may love and marry again and again; but our ideal of love or marriage is almost always wholly unlike the thing itself.—Argonaut. SHE READ HER TITLE CLEAR.

At a church sociable some time ago a theological student was detailed to assist a young lady, whom he had long admirpoor cow; she did her part faithfully. THE KIND MEN MARKED TO THE RESONS.

Many a man, says a recent writer, is very fond of women whom he is unwilling to marry. The saying is partially true, though no truer than its converse—that many a man is willing to marry a woman of whom he is not very fond, or, indeed, not fond at all. The idea indicated is, that a man may enjoy the society of a woman, and love to flirt with her, and yet be afraid from prudential motives to make her his wife. This frequently happens, but far less frequently than might be thought; and when it happens, the man is cautious and inclined to reflect on the subject of his affections and affinities. But marriage generally has but little to do with reason—probably the little to do with reason—probably but little to do with reason—probably will true. And with a gloomier face than bear finities. But marriage generally has but little to do with reason—probably will true to do with reason—probably will true. The prospective minister found the task by no means an unpleasant one, as the prospective minister found the task by no means an unpleasant one, as the prospective minister found the task by no means an unpleasant one, as the other maker who has any regard for the reputation of his product, insist upon every precaution be taken by the milk of his product, insist upon every preduction be taken by the milk pure and clean. No really the milk of the milk pure and clean. No really the milk of the milk pure and clean. No really the milk of the milk pure and clean. No really the milk of the milk pure and clean. No really the milk of the sedate of the milk pure and clean. No really the mild of the sedate of the milk guod but the mild o but nothing will take the place of careful, cleanly milking.—Report of Hamp-shire committee on Butter and Cheese.

Many manufacturers of reaping machines are trying to substitute twine for wire in binding sheaves of wheat and other cereals. In addition to the fact that a royalty has to be paid on the patent for binding with wire automatically, the use of wire is alleged to be objectionable for the following among other reasons: When it gets into the thresher it breaks the teeth and renders the machine useless; small pieces of wire with needle-like points attach themselves to the straw and have pierced the intestines of animals who have eaten of the straw, causing their death; several fires in mills have been EVERY FARMER WANTS attributed to sparks thrown off by the contact of millstones with the wire;

man is so likely to become engaged as he who is persuaded that he will never be. He is so prepared on one side for circumstances of a certain kind, that he is wis wholly ungarded on the other side for circumstances of an opposite kind. At the very moment that he is rejoicing over his freedom, a sudden shift in a sentimental environment, a word, a blush, a tear, a caress, decides his doom. What kind of a woman is a man most likely to marry? A general answer might be any kind of a woman, the kind opportunity. A popular notion is that she who is prudent, conventional, domestic, has the best prospects; while she who is indiscreet, obedient to impulse, fond of pleasure, has the worst prospects. Ancient spinsters, noted for primness, and matrons of the solemn order, incline to tell light-hearted, rollicking girls that they are throwing away good chances; that marrying men are deterred by their giddiness from the wine who is incline to tell light-hearted, rollicking girls that they are throwing away good chances; that marrying men are deterred by their giddiness from the wine when the straw is used to make paper the pulp has been rendered useles by the when the straw is used to make paper the pulp has been required to and encouragement on this most important of subjects, when you said 'Why dod 'You do' 'You do it?' and 'No time like the presence of particles of wire, and arge magnets have been required to a delicately blended words of advice and encouragement on this most important of subjects, when you said 'Why do it?' and 'No time like the presence of particles of wire, and arge magnets have been required to that farmers will require on an average 200 do' which would be about \$40, or one-half the cost of wire. To bind wheat the books you called for. Well, you have got when you said 'Why those were the tiles of the books you called for. Well, you have got when you said 'Why those were the tiles of the books you called for. Well, you have got will require 3 feet of twine to a bushel of grain, or for the whole require when the straw is used to make paper the pulp has been rendered useles by

wheat.-Ex. Demand for Corn.

There is a largely increasing demand for American corn for Europe. The Old World is just beginning to appreciate it as an article of human food. Among the poorer classes in England it is found to be a cheep rope by t e jetties. And the amount will in crease each year.—Iowa Register.

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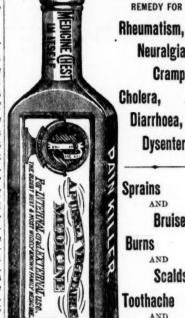
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This pan can be run with less labor than oth ers of the same capacity, the soum being all taken off with a scaper. The left is regulated with two dampers, making an even flow under the finishing division of the pass, thus enabling the operator to withdraw the heat at any asomen -no important point in making sugar. As this is the o by an talked of where it is known, agents would do well to investigate at once bend for circular to

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PERMANENTLY CURES KIDNEY DISEASES. LIVER COMPLAINTS, Constipation and Piles.

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NELSON FAIRCHILD, of St. Albans, Vt., ays, "it is of priceless value. After sixteen ears of great suffering from Piles and Cos-lveness it completely cured me." C. S. HOGABON, of Berkshire, says, "one ckage has done wonders for me in con

ictely curing a severe Liver and Kidner

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BECAUSE IT ACTS ON THE IVER, THE BOWELS AND KID-EYS AT THE SAME TIME. Because it cleanses the system of the poisonous humors that develope in Kidney and Urinary diseases, Bil-ousness, Jaundice, Constipation, Piles, or in Rhoumatism, Neuraigia

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Breeders' Directory.

For the convenience of many breeders who do not wish to insert large advertisements, we will insert cards in this column at reasonable rates which will be given on application.

H. RUSSELL, Fayetteville, Johnson county, Mo., breeder of Poland-China swine.
Prices reasonable. Correspondence solicited.

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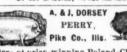
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AND 25 JERSEY CATTLE At Nashville, Tenn., Friday, May 20th. The horses corsist of Saddlers, Drivers, Family Horses Trotters, Brood Mares, Colts, Fillies and Stall ons of the very best families in our State. Will be so d at public auction. Safe

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MARRIAGE PAGE
PLATES. CUID
The whole story, well told, as it is true to life;

F PRESCRIPTION



This beautiful clock, an ornament to any premium to any one who sends us twelve new subscribers for one year. We have sent out hundreds of them for premiums; some of and all keep accurate time, and give unboun-ded satisfaction. Every one who reads this ble extent in the past, and that, too, by very can get up the club and get this excellent clock free.

St. Louis Amusements.

the most notable and intelligent audiences ever gathered in St. Louis, assembled at the Olympic to hear the initial representation of M'Creery and Schuylers new opera of "L'Afrique," which is founded upon incidents in the Transvaal and introduces English, Boers and Zulus as the characters. It was a grand success and in all respects will rank with "Pinafore," "Fatinitza," "Olivette" and other comic operas. It is a gem and will be produced in the leading cities. Next week Sprague's Specialty Company will appear at this theatre. "Billie Taylor" the latest sensation in comic opera has been produced at Pope's Safe Kidney and Liver Cure."

Idea of the most notable and drew forth most bitter replies from prominent physicians, and in response to these articles. The Rankin published long communications in the New York Independent, the Boston Congregationalist and the Chicago Advance, reiterating his former statements and strongly emphasizing them. In these articles Dr. Rankin frankly stated he was as strongly convinced of the efficacy of the means used as he was that the Genesee river emptied into Lake Ontario. He further said: "I have known, too, of its use in similar cases by physicians of the highest character and standing, and I want, in the interest of humanity, to recommend Warner's Safe Kidney and Liver Cure."

Col. Norman J. Colman: Where can I get Hedges' book on the manufacture of sorgo?

"Billie Taylor" the latest sensation in comic opera has been produced at Pope's Theatre in superb style. The scenery, costumes and setting are so perfect, bright and tasteful, that they extort admiration from all observers. The airs while not so pretty as those of "Pinafore," are lively and taking and never fail to secure applause. The dialogue is crisp and witty and the action full of life and interest. "Billee Taylor" is a great success and deserves all it recieves.

Interest of humanity, to recommend Warner's Safe Kidney and Liver Cure."

Now, while very few people are afflicted as severly as was Dr. Craig, or the cases Dr. Rankin refers to. still it is a lamentable fact that the great majority of people, in all parts of the land, are suffering to a greater or less of the land, are su great success and deserves all it recieves importance to the comunity, have, therefore, On the 23d, the Acme "Olivette" company the most accomplished and complished and complished are complished and complished are complished and complished are complished and complished are complished are complished and complished are complished are complished are complished are complished are complished and complished are co

Of Interest to Fruit Growers.

and shipping.

It is owing to these continued complaints that a new venture has been made in our city kidneys, derangement of digestion and great of which we are pleased to note. It appears dryness of the skin. I had at all times much of which we are pleased to note. It appears that the extra expense attending the sales of the skin. I had at all times much thirst, and of course this was followed by a that the extra expense attending the saies of that the extra expense attending the saies of the out of the sales of the shipments the returns my symptoms decidedly improving. I con-With a view of remedying this evil, the in-corporated company of F. M. Zuck Com-mission Co., of St. Louis, have this season ensed with the services of these agents and hence are able to sell all consignments to them at a charge of seven per cent commis-sion: whereby their business has doubly in-creased, and their patrons, continued favors assured, which demonstrates the good judg ment of this company, of whom it may be

The doctor questioned him and found that he had been habitually costive for years. that now his kidneys were disordered and his whole system deranged. Kidney-Wort was recommended and faithfully taken and in a short time every trouble was removed. The cleansing and tonic power of this medicine on the bowels and kidneys is wonderful. -Congregationalist.

The Boston Journal says: "The manufacture of cheap candies from white earth or terra albs, mixed with a little sugar and glucose, is carried on extensively in New York. A census taker, who investigated the confectionary business, reports that 75 per cent. of some candies is composed of these substances; and some candy, notable 'gum drops,' contains still less sugar. What is called a fine brand of castile soap has been found to be composed chiefly of this white earth and grease."

An extensive apple grower cultivates his orchard six or eight years after planting, and and fertilizes with bone dust and wood ashes. Afterwards the soil is sown to grass, and annually enriched with good stable manure as a top-dressing or mulch. The trees are pruned late in the autumn or early winter, and in the spring the bodies of the trees are washed with a strong lye.

FOOD FOR THE BRAIN AND NERVES that will invigorate the body without intoxication is what we need in these days of rush and worry. Parker's Ginger Tonic restores the ergies, soothes the nerves and brings good health quicker than anything you can se .- Tribune. See other column.

They had a grand ball at Leadville to cele were present, six barrels of liquor were conand seven men killed at a free fight which was excellently managed. The whole a fair was recherche, and will be remembered

Rye bread the ordinary food of the working classes in Germany, where 7,300,000 tons of rye are consumed vearly. The average rye crop is 6,200,000 tons; but this year it is only of the water, but this great remedy did for me what everything else failed to do—it currence of the constant 5,200,000 tons, so that the country must either me what everything eise minet to do at 5,200,000 tons, so that the country must either me what everything eise minet to do at 5,200,000 tons, costing \$89,200,000, or else substitute other forms of wood.

me what everything eise minet to do at the substitute of the control of the mode who are manufacturing it, for the noble work they are doing."

the efforts of those who are manufacturing it, for the noble work they are doing."

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There are no more reliable endorsements above given, and steady place for one who stills. Address, J. C. Wrean, 2.09 Market

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This city. Good wages and steady place for one who stills.

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There are no more reliable endorsements above given, and steady place for one who stills. Address, a steady place for one who stills.

THE TRUE TEST.

The merit of religion, government, perpersons and things must rest upon a basis of worth.

Some Truths Illustrating this, and Tes-timony of Value to All Readers.

(Christian at Work.) The true test of any religion is the effect it produces upon the lives of those who profess it. And, indeed, the test of real merit everywhere must be the power it possesses of accomplishing desirable results. In this age of the world men are not judged by what they claim to be able to do, but by what they can do; not by what they are reputed to be, but by what they are. Here is where the re-ligion of our own country rises superior to the faith of Mohammedan or Hindoo lands; for while there is more hypocrisy in the church, and far too much worldliness, there is yet an absence of those sensual and brutal lements which characterize the religion of

Arabia and the Ganges.

The principle is equally true in all other departments of life. The same rule which applies to persons is equally applicable to things. Unquestioned merit must characterize them all, or they cannot be acceptable, much less popular. The clear and well arranged lecture delivered by Dr. Chase. Craig before the Metropolitan Scientific Association appeared in the columns of this paper a short time since. In this lecture so many truths were brought to light bearing directly upon, munity. These facts, as stated by the doctor which have been running for several years, in his lecture, have been discussed in the and all keep accurate time, and give unbouncolumns of the religious press to a consideraprominent personages. A few years ago the Rev. J. E. Rankin, D. D., of Washington, who is prominently known among the Congregational denominations of the country, publ On Monday evening May 16th one of the most notable and intelligent audi-drew forth most bitter replies from promi ed an article upon the same subject which

pany the most accomplished and complete troupe that has yet appeared in this most successful of operas, will apert of the land as a prominent and efficient leader in the Methodist denomination of the land as a prominent and efficient leader in the Methodist denomination. shown in his own experience he says: Oft and again we hear complaints from fruit and vegetable growers, that the money they receive from the commission men, on the sale of their goods, is in amount far from the sale of their goods, is in amount far from use of a reliable test I found that my system the first stages of Bright's disease. By the largest contract on record, the sale of their goods, is in amount far from use of a reliable test I found that my system and when completed Florida can produce more sugar than the United States Oft and again we hear complaints from few months since I found myself suffering what was expected and in many cases so was giving off albuman, and in some insmall as not to pay for the labor of gathering stances in a coagulated state. I also suffered severly from dropsy, particularly about the ankles, together with slight pains about the the growers are necessarily smal'. tinued taking the remedy until I entirely re covered.

In a communication made by Rev. Dr. C. A. Harvey, the well known financial and educational secretary of Howard University, Washington, D. C., the doctor says:

"I have for the past few years been acquainted with the remedy known as Warner's Safe Kidney and Liver Cure and with its remarkable curative efficacy in obstinate and ment of this company, of whom it may said there are no better, or any that can give more satisfactory references.

20-4

which occurred in this city. In some of these which seemed to be in the last stages and had been given up by practitioners of that the total value of finished silk good duced in this country during the year. both schools, the speedy cures which were wrought by this remedy seemed to be little less than miraculous. I am convinced that for Bright's disease in all its stages, including those first symptoms of kidney troubles which are so easily overlooked, but are so fraught with danger, no remedy heretofore discovered can be held for one moment in comparison with this, and I hope that War ner's Safe Kidney and Liver Cure may become as widely known as is the existence of the maladies which it will cure.

Rev. A. C. Kendrick, D. D., LL. D., who is Professor of Hebrew and Greek languages in the University of Rochester, N. Y., and who is one of the American revisors of the New Testament, in speaking of the effect which Warner's Safe Kidney and Liver Cure had upon himself, stated most emphatically that he had received marked benefit from it, and he cordially recommended it to the use of

Rev. A. Bramley, pastor of the Arsenal street M. E. church, Watertown, N. Y., testified in a recent interview that the first few bottles of Warner's Safe Kidney and Liver Cure had entirely removed the distinctive features of a severe kidney difficulty, and that while he had not been able to lie on his back without great pain for more than five years, he was now not only able to do so, but slept soundly, ate heartily and calls himself a well man.

Rev. A. P. Hill, of Sheheel, N. C., having been troubled with a severe kidney and liver se for a number of years, said: "I have disease for a number of years, said: "I have been praying for relief for four years, and I believe I got it in answer to prayer. May God bless the firm who manufacture War-ner's Safe Kidney and Liver Cure. Many of my friends have also used it with marked nefit, and I hope my testimony in its bey had a grand ball at Leadville to cele-Washington's Birthday.—Over 400 or liver troubles in some of their many dan-

Rev. P. F. Marklee, in writing from Mont-gomery, Ala., said: "I have paid at least one thousand dollars for doctors and mediafair was recherche, and will be remembered one thousand donars for doctors and medias one of the most delightful social affairs cine and never received any relief until I commenced taking Warner's Safe Kidney and Liver Cure. I am too thankful to express in words the benefit this medicine has done

It should also be remembered that Mr. H. H. It should also be remembered that Mr. H. H. Warner, the proprietor and manufacturer of this remedy, was himself cured by its use after having been given up to die by several physicians. So grateful was he for his remarkable cure that he determined the world should know of this remedy, and he therefore began its manufacture. Mr. Warner is fore began its manufacture. Mr. Warner is also a prominent patron of other public en-terprises and the sciences, and by endowing the Warner Astronomical Observatory at Rochester, as well as by his many other pub-lic benefactions, has become known to, and respected by the whole land. His standing alone is an ample guarantee of the purity and worth of the remedy he makes, but the thousands of testimonials from all parts of America gratefully telling of the relief it has given, prove it beyond a question. As a result it is attracting great and universal attention throughout the entire country. No one fact has been more apparent in the past fewy ears than that kidney and liver troub-les are alarmingly increasing. When, there-fore, a remedy has been found which not only cures the worst as well as all minor troub-les of this nature, but also regulates, controls and keeps in perfect order these most important organs at all times, it is cer ainly cause for gratitude. This is just what has been done in thousands of cases, in addition to those above mentioned, and it is what will be done in tens of thousands of other cases in the very near future.

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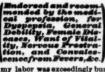
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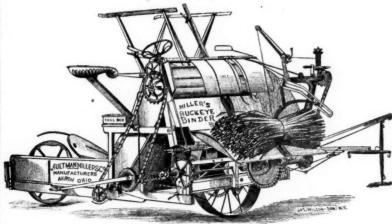
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